



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 126183

TO: Roy Teller
Location: REM/3D18/3C18
Art Unit: 1654
July 7, 2004

Case Serial Number: 09/943084

From: P. Sheppard
Location: Remsen Building
Phone: (571) 272-2529

sheppard@uspto.gov

Search Notes

STIC-Biotech/ChemLib

106183

From: Unknown@Unknown.com
Sent: Thursday, July 01, 2004 10:53 AM
To: STIC-Biotech/ChemLib
Subject: Generic form response

ResponseHeader=Commercial Database Search Request

AccessDB#= _____

LogNumber= _____

Searcher= _____

SearcherPhone= _____

SearcherBranch= _____

MyDate=Thu Jul 1 10:53:29 EDT 2004

submitto=Biotech01@uspto.gov

Name=Roy Teller

Empno=79445

Phone=571-272-0971

Artunit=1654

Office=REM-3D18

Serialnum=09943084

PatClass=514/12

Earliest=4/7/93

Format1=paper

Searchtopic= Please do an interference search of SEQ ID NO: 1, 2, 3, 4, 5, 6, and 7. Thank you.

Comments=

send=SEND

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(STIC)
U.S. DEPARTMENT OF COMMERCE
U.S. PATENT AND TRADEMARK OFFICE

Searcher: _____
Phone: _____
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Date Picked Up: _____
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Clerical: _____
Online time: _____

TYPE OF SEARCH:
NA Sequences: _____
AA Sequences: _____
Structures: _____
Bibliographic: _____
Litigation: _____
Full text: _____
Patent Family: _____
Other: _____

VENDOR/COST (where applic.)
STN: _____
DIALOG: _____
Questel/Orbit: _____
DRLink: _____
Lexis/Nexis: _____
Sequence Sys.: _____
WWW/Internet: _____
Other (specify): _____

Qy 2 FERHAGTFPSDVSSYLEQAAKEPIAWLVKGRG 35
 Db 4 FERHAGTFPSDVSSYLEQAAKEPIAWLVKGRG 37

RESULT 2
 US-08-470-220A-19
 Sequence 19, Application US/08470220A
 Patent No. 5707826

GENERAL INFORMATION:
 APPLICANT: Wagner, Fred W.
 APPLICANT: Stout, Jay
 APPLICANT: Henriksen, Dennis
 APPLICANT: Partridge, Bruce
 APPLICANT: Manning, Shane

TITLE OF INVENTION: Enzymatic Method for Modification of Recombinant Polypeptides

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Merchant & Gould
 STREET: 3100 No. 6037143west Center
 CITY: Minneapolis
 STATE: MN
 ZIP: 55402
 COUNTRY: USA

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/967,374
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/520,485
 FILING DATE: 29-AUG-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G.
 REGISTRATION NUMBER: 35,093
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 612-332-5300
 TELEFAX: 612-332-9081
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 37 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 IMMEDIATE SOURCE:
 CLONE: GLP1 (1-37)
 US-08-967-374-19

Query Match 99.4%; Score 177; DB 3; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.9e-18;
 Matches 34; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 4
 US-09-302-596-1
 Sequence 1, Application US/09302596
 Patent No. 6284725
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 APPLICANT: Ehlers, Mario R.W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Ischemic and Reperfused Tissue
 FILE REFERENCE: P036600US1
 CURRENT APPLICATION NUMBER: US/09/302,596
 CURRENT FILING DATE: 1999-04-10
 PRIOR APPLICATION NUMBER: 60/103,498
 PRIOR FILING DATE: 1998-10-08
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 1
 LENGTH: 37
 TYPE: PRT
 ORGANISM: mammalian
 US-09-302-596-1

Query Match 99.4%; Score 177; DB 3; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.9e-18;
 Matches 34; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

RESULT 3
 US-08-967-374-19
 Sequence 19, Application US/08967374
 Patent No. 6037143
 GENERAL INFORMATION:
 APPLICANT: Wagner, Fred W.
 APPLICANT: Stout, Jay
 APPLICANT: Henriksen, Dennis
 APPLICANT: Partridge, Bruce
 APPLICANT: Manning, Shane

RESULT 5
US-08-472-349-1
 ; Sequence 1, Application US/08472349
 ; GENERAL INFORMATION:
 ; APPLICANT: Kim, Yesook
 ; APPLICANT: Lambert, William J.
 ; APPLICANT: Qi, Hong
 ; APPLICANT: Gelfand, Robert A.
 ; APPLICANT: Geoghegan, Kieran P.
 ; APPLICANT: Danley, Dennis E.
 TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/472,349
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA: US/08/181,655
 APPLICATION NUMBER: US/08/181,655
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert P.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEX: (212)573-1939
 TELEX:
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 37 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A

Query Match 99.4%; Score 177; DB 3; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.9e-18;

Db 4 FERHAGTFTSDVSSYLEGQAAKETIAWLYKGRG 37

RESULT 6
US-09-623-618B-1
 ; Sequence 1, Application US/09623618B
 ; Patent No. 6329336
 ; GENERAL INFORMATION:
 ; APPLICANT: Bridon, Dominique P.
 ; APPLICANT: L'Archeveque, Benoit
 ; APPLICANT: Ezran, Alan M.
 ; APPLICANT: Holmes, Darren L.
 ; APPLICANT: Leblanc, Anouk
 ; TITLE OF INVENTION: LONG LASTING INSULINOTROPIC PEPTIDES
 ; FILE REFERENCE: 500862010120
 ; CURRENT APPLICATION NUMBER: US/09/523,618B
 ; CURRENT FILING DATE: 2000-09-05
 ; PRIOR APPLICATION NUMBER: PCT/US00/13563
 ; PRIOR FILING DATE: 2000-05-17
 ; PRIOR APPLICATION NUMBER: 60/159,783
 ; PRIOR FILING DATE: 1999-10-15
 ; PRIOR APPLICATION NUMBER: 60/134,406
 ; PRIOR FILING DATE: 1999-05-17
 ; NUMBER OF SEQ ID NOS: 35
 ; SOFTWARE: PastSeqQ for Windows Version 4.0
 ; SEQ ID NO 1
 ; LENGTH: 37
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: Peptide
 ; OTHER INFORMATION: Peptide
 Query Match 99.4%; Score 177; DB 4; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.9e-18;
 Matches 34; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 2 FERHAGTFTSDVSSYLEGQAAKETIAWLYKGRG 35
 Db 4 FERHAGTFTSDVSSYLEGQAAKETIAWLYKGRG 37

RESULT 7
US-09-333-415-1
 ; Sequence 1, Application US/09333415
 ; Patent No. 6344180
 ; GENERAL INFORMATION:
 ; APPLICANT: Holst, Jens J.
 ; TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell Function and the Presence of the Condition of IGF and Type-II Diabetes
 ; FILE REFERENCE: P01987050
 ; CURRENT APPLICATION NUMBER: US/09/333,415
 ; CURRENT FILING DATE: 1999-06-15
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 1
 ; LENGTH: 37
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 Query Match 99.4%; Score 177; DB 4; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.9e-18;

Us-09-333-415-1

Qy 2 FERHAGFTSDVSSYLEQAAKEFIAWLVKGRG 35
 Dd 4 FERHAGFTSDVSSYLEQAAKEFIAWLVKGRG 37

RESULT 8
 US-09-505-991-19
 ; Sequence 19, Application US/09505991
 ; GENERAL INFORMATION:
 ; APPLICANT: Wagner, Fred W.
 ; Inventor: Jay
 ; HeinrikSEN, Dennis
 ; Partridge, Bruce
 ; Manning, Shane
 ; TITLE OF INVENTION: Enzymatic Method for Modification of Recombinant Polypeptides
 ; NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merchant & Gould
 ; STREET: 3100 No. 6403361west Center
 ; CITY: Minneapolis
 ; STATE: MN
 ; COUNTRY: USA
 ; ZIP: 55402
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/505,991
 ; FILING DATE: 17-Feb-2000
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/520,485
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Carter, Charles G.
 ; REGISTRATION NUMBER: 35,093
 ; REFERENCE DOCUMENT NUMBER: 8648,32-USDI
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 612-332-5300
 ; TELEFAX: 612-332-9081
 ; INFORMATION FOR SEQ ID NO: 19:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 37 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: Peptide
 ; IMMEDIATE SOURCE:
 ; CLONE: GLPI [1-37]

; TITLE OF INVENTION: Ischemic and Reperfused Brain
 ; FILE REFERENCE: P03660US2
 ; CURRENT APPLICATION NUMBER: US/09/303,016
 ; CURRENT FILING DATE: 1999-04-30
 ; PRIORITY APPLICATION NUMBER: 60/103,498
 ; PRIORITY FILING DATE: 1998-10-08
 ; NUMBER OF SEQ ID NOS: 13
 ; SEQ ID NO: 1
 ; LENGTH: 37
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-303-016-1

Query Match 99.4%; Score 177; DB 4; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.9e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAGFTSDVSSYLEQAAKEFIAWLVKGRG 35
 Db 4 FERHAGFTSDVSSYLEQAAKEFIAWLVKGRG 37

RESULT 10
 US-09-657-332A-1
 ; Sequence 1, Application US/09657332A
 ; Patent No. 6545400
 ; GENERAL INFORMATION:
 ; APPLICANT: Bidon, Dominique P.
 ; APPLICANT: L'Archeveque, Benoit
 ; APPLICANT: Ezrin, Alan M.
 ; APPLICANT: Holmes, Darren L.
 ; APPLICANT: Leblanc, Anouk
 ; APPLICANT: St. Pierre, Serge
 ; TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
 ; FILE REFERENCE: 50086200/600
 ; CURRENT APPLICATION NUMBER: US/09/657,332A
 ; CURRENT FILING DATE: 2001-09-10
 ; PRIORITY APPLICATION NUMBER: 60/159,783
 ; PRIORITY FILING DATE: 1999-10-15
 ; PRIORITY APPLICATION NUMBER: 60/134,406
 ; PRIORITY FILING DATE: 1999-05-17
 ; NUMBER OF SEQ ID NOS: 55
 ; SEQ ID NO: 1
 ; LENGTH: 37
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: Peptide
 US-09-657-332A-1

Query Match 99.4%; Score 177; DB 4; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.9e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAGFTSDVSSYLEQAAKEFIAWLVKGRG 35
 Db 4 FERHAGFTSDVSSYLEQAAKEFIAWLVKGRG 37

RESULT 11
 US-09-805-507-1
 ; Sequence 1, Application US/09805507
 ; Patent No. 657951
 ; GENERAL INFORMATION:
 ; APPLICANT: COOLIDGE, THOMAS R.
 ; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 ; FILE REFERENCE: 089187/0395
 ; CURRENT APPLICATION NUMBER: US/09/805,507
 ; CURRENT FILING DATE: 2001-03-14

RESULT 9
 US-09-303-016-1
 ; Sequence 1, Application US/09303016
 ; Patent No. 6429197
 ; GENERAL INFORMATION:
 ; APPLICANT: Ehlers, Thomas R.
 ; APPLICANT: Ehlers, Mario R.
 ; TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically Active Analogs to Improve the Function of the

PRIOR APPLICATION NUMBER: 09/859,804
 PRIOR FILING DATE: 2001-05-18
 NUMBER OF SEQ ID NOS: 13
 SEQ ID NO: 1
 LENGTH: 37
 TYPE: PR
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP
 US-09-805-507-1

Query Match Best Local Similarity 100.0%; Score 177; DB 4; Length 37;

Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAGFTFDVSSYLEGQAKEFIAWLTKGRG 35

Db 4 FERHAGFTFDVSSYLEGQAKEFIAWLTKGRG 37

RESULT 12

US-09-876-388-1

Sequence 1, Application US/09876388
 Patent No. 6553295

GENERAL INFORMATION:

APPLICANT: Bridon, Dominique P.

APPLICANT: L'Archeveque, Benoit

APPLICANT: Holmes, Alan M.

APPLICANT: Leblanc, Anouk

APPLICANT: St. Pierre, Serge

TITLE OF INVENTION: LONG LASTING INSULINOTROPIC PEPTIDES

FILE REFERENCE: 500863001610

CURRENT APPLICATION NUMBER: US/09/876,388

CURRENT FILING DATE: 2001-09-24

PRIOR APPLICATION NUMBER: 09/623,618

PRIOR FILING DATE: 2000-09-05

PRIOR APPLICATION NUMBER: PCT/US00/13563

PRIOR FILING DATE: 2000-05-17

PRIOR APPLICATION NUMBER: 60/159,783

PRIOR FILING DATE: 1999-10-15

PRIOR APPLICATION NUMBER: 60/134,406

PRIOR FILING DATE: 1999-05-17

NUMBER OF SEQ ID NOS: 35

SEQ ID NO: 1

LENGTH: 37

TYPE: PR

ORGANISM: Artificial Sequence

FEATURE: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: Peptide

US-09-876-388-1

Query Match Best Local Similarity 100.0%; Score 177; DB 4; Length 37;

Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAGFTFDVSSYLEGQAKEFIAWLTKGRG 35

Db 4 FERHAGFTFDVSSYLEGQAKEFIAWLTKGRG 37

RESULT 13

US-08-784-582-56

Sequence 56, Application US/08784582

Patent No. 6110707

GENERAL INFORMATION:

APPLICANT: Newgard, Christopher B.

APPLICANT: Halban, Philippe A.

APPLICANT: No. 6110707

APPLICANT: Kruse, Fred

APPLICANT: McGarry, Dennis

TITLE OF INVENTION: RECOMBINANT EXPRESSION OF PROTEINS FROM

NUMBER OF SEQUENCES: 79

CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433

APPLICANT: Clark, Samuel A.

APPLICANT: Thigpen, Anice B.

APPLICANT: Quaade, Christian

APPLICANT: Kruse, Fred

APPLICANT: McGarry, Dennis

TITLE OF INVENTION: RECOMBINANT EXPRESSION OF PROTEINS FROM

NUMBER OF SEQUENCES: 79

CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433

CITY: Houston

STATE: Texas

COUNTRY: USA

ZIP: 77210

COMPONENT READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/784-582

FILING DATE: Concurrently Herewith

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/028,427

FILING DATE: 15-OCT-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/589,028

FILING DATE: 19-JAN-1996

ATTORNEY/AGENT INFORMATION:

NAME: Highlander, Steven L.

REGISTRATION NUMBER: 37,642

REFERENCE/DOCKET NUMBER: UTSD:514

TELECOMMUNICATION INFORMATION:

TELEPHONE: 512/418-3000

TELEFAX: 512/418-7577

INFORMATION FOR SBO ID NO: 56:

SEQUENCE CHARACTERISTICS:

LENGTH: 180 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

US-08-784-582-56

Query Match Best Local Similarity 99.4%; Score 177; DB 3; Length 180;

Matched 34; Conservative 0; Mismatches 0; Indexes 0; Gaps 0;

Qy 2 FERHAGFTFDVSSYLEGQAKEFIAWLTKGRG 35

Db 95 FERHAGFTFDVSSYLEGQAKEFIAWLTKGRG 128

RESULT 14

US-08-784-582-58

Sequence 58, Application US/08784582

Patent No. 6110707

GENERAL INFORMATION:

APPLICANT: Newgard, Christopher B.

APPLICANT: Halban, Philippe A.

APPLICANT: No. 6110707

APPLICANT: Kruse, Fred

APPLICANT: McGarry, Dennis

TITLE OF INVENTION: RECOMBINANT EXPRESSION OF PROTEINS FROM

NUMBER OF SEQUENCES: 79

CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433

CITY: Houston
 STATE: Texas
 COUNTRY: USA
 ZIP: 77210
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION NUMBER: US/08/784,582
 FILING DATE: Concurrently Herewith
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 60/028,427
 FILING DATE: 15-OCT-1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/784,582
 FILING DATE: 19-JAN-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Highlander, Steven L.
 REGISTRATION NUMBER: 37,642
 REFERENCE/DOCKET NUMBER: UTSD:514
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 512/418-3000
 TELEFAX: 512/474-7577
 INFORMATION FOR SEQ ID NO: 58:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 180 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 US-08-784-582-58

Query Match 99.4%; Score 177; DB 3; Length 180;
 Best Local Similarity 100.0%; Pred. No. 1.8e-17;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 PERHARGFTSDVSSYLEGQAAKEPTIAWLYKGRG 35
 Db 95 PERHARGFTSDVSSYLEGQAAKEPTIAWLYKGRG 128

Search completed: July 3, 2004, 00:28:47
 Job time : 19.0435 secs

FILING DATE: Concurrently Herewith
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 60/028,427
 FILING DATE: 15-OCT-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Highlander, Steven L.
 REGISTRATION NUMBER: 37,642
 REFERENCE/DOCKET NUMBER: UTSD:514
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 512/418-3000
 TELEFAX: 512/474-7577
 INFORMATION FOR SEQ ID NO: 61:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 180 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 US-08-784-582-61

Query Match 99.4%; Score 177; DB 3; Length 180;

Best Local Similarity 100.0%; Pred. No. 1.8e-17;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 PERHAGFTSDVSSYLEGQAAKEPTIAWLYKGRG 35

Db 95 PERHAGFTSDVSSYLEGQAAKEPTIAWLYKGRG 128

RESULT 15
 US-08-784-582-61

i Sequence 61, Application US/08784582

i Parent No. 6110707

i GENERAL INFORMATION:

i APPLICANT: Newgard, Christopher B.

i APPLICANT: Halban, Philippe A.

i APPLICANT: No. 6110707mington, Karl D.

i APPLICANT: Clark, Samuel A.

i APPLICANT: Thigpen, Anice E.

i APPLICANT: Quade, Christian

i APPLICANT: Kruse, Fred

i APPLICANT: McGarry, Dennis

i TITLE OF INVENTION: RECOMBINANT EXPRESSION OF PROTEINS FROM

i TITLE OF INVENTION: SECRETORY CELL LINES

i NUMBER OF SEQUENCES: 79

i CORRESPONDENCE ADDRESS:

i ADDRESSEES: Arnold, White & Durkee

i STREET: P.O. Box 4433

i CITY: Houston

i STATE: Texas

i COUNTRY: USA

i ZIP: 77210

i COMPUTER READABLE FORM:

i MEDIUM TYPE: Floppy disk

i COMPUTER: IBM PC compatible

i OPERATING SYSTEM: PC-DOS/MS-DOS

i SOFTWARE: PatentIn Release #1.0, Version #1.30

i CURRENT APPLICATION DATA:

i APPLICATION NUMBER: US/08/784,582

TELEFAX: (212)573-1939
 TELE: N/A
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 37 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 HYPOCRITICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONS: N/A
 POSITION TN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 UNIT: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-09-943-084-1

Query Match 99.4%; Score 177; DB 15; Length 35;
 Best Local Similarity 100.0%; Pred. No. 1.7e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAEGTFTSDVSSYLEGQAKEPTAMLYVKGRG 35
 Db 2 FERHAEGTFTSDVSSYLEGQAKEPTAMLYVKGRG 35

RESULT 2
 US-10-215-272-32
 Sequence 32, Application US/10215272
 Publication No. US2004002468A1
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation
 APPLICANT: Wadsworth, Samuel C.
 APPLICANT: Armentano, Donna
 APPLICANT: Gregory, Richard J.
 APPLICANT: Parsons, Geoffrey
 TITLE OF INVENTION: Methods of Treating Diabetes and Other
 Diseases
 FILE REFERENCE: 2478.2019002 PCT
 CURRENT APPLICATION NUMBER: US/10/215,272
 CURRENT FILING DATE: 2002-08-07
 PRIOR APPLICATION NUMBER: US/6/310,982
 PRIOR FILING DATE: 2001-08-08
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: FastSEQ For Windows Version 4.0
 SEQ ID NO: 32
 LENGTH: 35
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
 US-10-215-272-32

Query Match 99.4%; Score 177; DB 15; Length 35;
 Best Local Similarity 100.0%; Pred. No. 1.7e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAEGTFTSDVSSYLEGQAKEPTAMLYVKGRG 35
 Db 2 FERHAEGTFTSDVSSYLEGQAKEPTAMLYVKGRG 35

RESULT 3
 US-10-215-272-31
 Sequence 31, Application US/10215272
 Publication No. US2004002468A1
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation
 APPLICANT: Wadsworth, Samuel C.
 APPLICANT: Armentano, Donna
 APPLICANT: Gregory, Richard J.
 APPLICANT: Parsons, Geoffrey
 TITLE OF INVENTION: Methods of Treating Diabetes and Other
 Diseases
 FILE REFERENCE: 2478.2019002 PCT
 CURRENT APPLICATION NUMBER: US/10/215,272
 CURRENT FILING DATE: 2002-08-07
 PRIOR APPLICATION NUMBER: US/6/310,982
 PRIOR FILING DATE: 2001-08-08
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: FastSEQ For Windows Version 4.0
 SEQ ID NO: 31
 LENGTH: 36
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)
 US-10-215-272-31

Query Match 99.4%; Score 177; DB 15; Length 36;
 Best Local Similarity 100.0%; Pred. No. 1.7e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAEGTFTSDVSSYLEGQAKEPTAMLYVKGRG 35
 Db 3 FERHAEGTFTSDVSSYLEGQAKEPTAMLYVKGRG 36

RESULT 4
 US-09-876-388-1
 Sequence 1, Application US/09876388
 Patent No. US2002004915A1
 GENERAL INFORMATION:
 APPLICANT: Bridon, Dominique P.
 APPLICANT: L'Archeveque, Benoit
 APPLICANT: Erzin, Alan M.
 APPLICANT: Holmes, Darren L.
 APPLICANT: Leblanc, Anouk
 APPLICANT: St. Pierre, Serge
 TITLE OF INVENTION: LONG LASTING INSULINOTROPIC PEPTIDES
 CURRENT APPLICATION NUMBER: US/09/876,388
 FILE REFERENCE: 500862001610
 CURRENT FILING DATE: 2001-09-24
 PRIOR APPLICATION NUMBER: PCT/US00/13563
 PRIOR FILING DATE: 2000-09-05
 PRIOR APPLICATION NUMBER: 60/159,783
 PRIOR FILING DATE: 1999-10-15
 PRIOR APPLICATION NUMBER: 60/134,406
 PRIOR FILING DATE: 1999-05-17
 NUMBER OF SEQ ID NOS: 35
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 1
 LENGTH: 37
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 Peptide
 US-09-876-388-1

Query Match 99.4%; Score 177; DB 9; Length 37;
 Best Local Similarity 100.0%; Pred. No. 1.8e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAEGTFTSDVSSYLEGQAAKEFIAMVLVKGRG 35
 Db 4 FERHAEGTFTSDVSSYLEGQAAKEFIAMVLVKGRG 37

RESULT 5
 US-09-851-738-1
 ; Sequence 1; Application US/09851738
 ; Patent No. US20020051460A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas R.
 ; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Tissue
 ; TITLE OF INVENTION: Ischemic and Reperfused Tissue
 ; FILE REFERENCE: P0460US1
 ; CURRENT APPLICATION NUMBER: US/09/851,738
 ; CURRENT FILING DATE: 2001-05-09
 ; PRIOR APPLICATION NUMBER: 09/302,596
 ; PRIOR FILING DATE: 1999-04-30
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO 1
 ; LENGTH: 37
 ; TYPE: PRT
 ; ORGANISM: mammalian
 US-09-851-738-1

Query Match 99.4%; Score 177; DB 9; Length 37;
 Best Local Similarity 100.0%; Pred. No. 1.8e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 6
 US-09-805-507-1
 ; Sequence 1; Application US/09805507
 ; Patent No. US2002008195A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas R.
 ; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 ; FILE REFERENCE: 08187/0395
 ; CURRENT APPLICATION NUMBER: US/09/805,507
 ; CURRENT FILING DATE: 2001-03-14
 ; PRIOR APPLICATION NUMBER: 09/859,804
 ; PRIOR FILING DATE: 2001-05-18
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO 1
 ; LENGTH: 37
 ; TYPE: PRT
 ; ORGANISM: Unknown Organism
 ; OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP
 ; OTHER INFORMATION: Peptide
 US-09-805-507-1

Query Match 99.4%; Score 177; DB 9; Length 37;
 Best Local Similarity 100.0%; Pred. No. 1.8e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 7
 US-09-859-804-1
 ; Sequence 1; Application US/09859804

Qy 2 FERHAEGTFTSDVSSYLEGQAAKEFIAMVLVKGRG 35
 Db 4 FERHAEGTFTSDVSSYLEGQAAKEFIAMVLVKGRG 37

Query Match 99.4%; Score 177; DB 9; Length 37;
 Best Local Similarity 100.0%; Pred. No. 1.8e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 8
 US-09-982-978-1
 ; Sequence 1; Application US/09982978
 ; Patent No. US2002014645A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas R.
 ; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 ; FILE REFERENCE: 08187/0395
 ; CURRENT APPLICATION NUMBER: US/09/982,978
 ; CURRENT FILING DATE: 2001-10-22
 ; PRIOR APPLICATION NUMBER: 09/859,804
 ; PRIOR FILING DATE: 2001-05-18
 ; PRIOR APPLICATION NUMBER: 09/302,596
 ; PRIOR FILING DATE: 2001-05-19
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO 1
 ; LENGTH: 37
 ; TYPE: PRT
 ; ORGANISM: Unknown Organism
 ; OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP
 ; OTHER INFORMATION: Peptide
 US-09-982-978-1

Query Match 99.4%; Score 177; DB 9; Length 37;
 Best Local Similarity 100.0%; Pred. No. 1.8e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 9
 US-09-953-021B-1
 ; Sequence 1; Application US/09953021B
 ; Patent No. US20020147131A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas L.
 ; APPLICANT: Ehlers, Mario R.W.
 ; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Is-

TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
FILE REFERENCE: P03660US6
CURRENT APPLICATION NUMBER: US/09/953, 021B
CURRENT FILING DATE: 2001-09-11
PRIOR APPLICATION NUMBER: 09/302, 596
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 1
LENGTH: 37
TYPE: PRT
ORGANISM: Homo sapiens

Query Match 99.4%; Score 177; DB 9; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAEQTFTSDVSYLLEGAAKEPIAWEYKGRG 35
Db 4 FERHAEQTFTSDVSYLLEGAAKEPIAWEYKGRG 37

RESULT 10
US-10-091-258-1
Sequence 1, Application US/10091258
Publication No. US20030073626A1
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Hathaway, David R.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
FILE REFERENCE: RGN-2
CURRENT APPLICATION NUMBER: US/10/091,258
CURRENT FILING DATE: 2002-03-05
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 1
LENGTH: 37
TYPE: PRT
ORGANISM: mammalian

US-10-091-258-1

Query Match 99.4%; Score 177; DB 14; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAEQTFTSDVSYLLEGAAKEPIAWEYKGRG 35
Db 4 FERHAEQTFTSDVSYLLEGAAKEPIAWEYKGRG 37

RESULT 11
US-10-055-259-1
Sequence 1, Application US/10055259
Publication No. US20030091507A1
GENERAL INFORMATION:
APPLICANT: Hoist, Jens J.
APPLICANT: Vilhjall, Tina
TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND THE
FILE REFERENCE: P03987US1
CURRENT APPLICATION NUMBER: US/10/055,259
CURRENT FILING DATE: 2002-06-21
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 1
LENGTH: 37
TYPE: PRT
ORGANISM: Homo sapiens

US-10-055-259-1

Query Match 99.4%; Score 177; DB 14; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.e-18;

OTHER INFORMATION: Peptide
us-10-288-340-1

Query Match 99.4%; Score 177; DB 14; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;
Qy 2 FERHAEGFTSDVSSYLEGQAAKEFIAWLVKG 35
Db 4 PERHAEGFTSDVSSYLEGQAAKEFIAWLVKG 37

RESULT 14
US-10-097-230-1
Sequence 1, Application US/10097230
GENERAL INFORMATION:
APPLICANT: Perfetti, Riccardo
TITLE OF INVENTION: Glucose-Dependent Insulin-Secreting Cells Transfected with a Nuc
TITLE OF INVENTION: Sequence Encoding GLP-1
FILE REFERENCE: 81:476-1249704
CURRENT APPLICATION NUMBER: US/10/097,230
CURRENT FILING DATE: 2002-03-12
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 37
TYPE: PRT
ORGANISM: Homo sapiens
us-10-097-230-1

Query Match 99.4%; Score 177; DB 14; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;
Qy 2 PERHAEGFTSDVSSYLEGQAAKEFIAWLVKG 35
Db 4 PERHAEGFTSDVSSYLEGQAAKEFIAWLVKG 37

RESULT 15
US-10-322-839-1
Sequence 1, Application US/10322839
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Ehlers, Mario
APPLICANT: Ehlers, Mario
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: P05671US
CURRENT APPLICATION NUMBER: US/10/322,839
PRIOR APPLICATION NUMBER: US 09/859,804
PRIOR FILING DATE: 2001-05-18
PRIOR FILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 37
TYPE: PRT
ORGANISM: Unknown
FEATURE: OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP peptide
us-10-322-839-1

Query Match 99.4%; Score 177; DB 15; Length 37;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;
Qy 2 FERHAEGFTSDVSSYLEGQAAKEFIAWLVKG 35

OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
PCT-US02-22227-32

Query Match 99.4%; Score 177; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 2e-18;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 PERHAETPTSDVSYLEGQAKEFIAFLVKGRG 35
Db 2 PERHAETPTSDVSYLEGQAKEFIAFLVKGRG 35

RESULT 2
US-09-943-084-1
 Sequence 1, Application US/0943084
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 Lambert, William J.
 Oi, Hong
 Geilhard, Robert A.
 Geoghegan, Kieran P.
 Danley, Dennis B.
 TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SPECIMENS: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 31-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert P.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8392
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEFAX: (212)571-1939
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 37 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A

UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 US-09-943-084-1
 Query Match 99.4%; Score 177; DB 24; Length 35;
 Best Local Similarity 100.0%; Pred. No. 2e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERRAGETPTSDVSYLEGQAKEFIAFLVKGRG 35
Db 2 FERRAGETPTSDVSYLEGQAKEFIAFLVKGRG 35

RESULT 3
US-10-215-272-32
 Sequence 32, Application US/10215272
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation
 APPLICANT: Wadsworth, Samuel C.
 APPLICANT: Armentano, Donna
 APPLICANT: Gregory, Richard J.
 APPLICANT: Parsons, Geoffrey
 TITLE OF INVENTION: Methods of Treating Diabetes and Other
 Blood Sugar Disorders
 FILE REFERENCE: 2478-2013002 PCT
 CURRENT APPLICATION NUMBER: US/10/215,272
 CURRENT FILING DATE: 2002-08-07
 PRIORITY APPLICATION NUMBER: US 60/310,982
 PRIORITY FILING DATE: 2001-08-08
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 32
 LENGTH: 35
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
 US-10-215-272-32
 Query Match 99.4%; Score 177; DB 28; Length 35;
 Best Local Similarity 100.0%; Pred. No. 2e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERRAGETPTSDVSYLEGQAKEFIAFLVKGRG 35
Db 2 FERRAGETPTSDVSYLEGQAKEFIAFLVKGRG 35

RESULT 4
PCT-US02-25227-31
 Sequence 31, Application PC/TUS0225227
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation
 APPLICANT: Wadsworth, Samuel C.
 APPLICANT: Armentano, Donna
 APPLICANT: Gregory, Richard J.
 APPLICANT: Parsons, Geoffrey
 TITLE OF INVENTION: Methods of Treating Diabetes and Other
 Blood Sugar Disorders
 FILE REFERENCE: 2478-2013002 PCT
 CURRENT APPLICATION NUMBER: PCT/US02/25227
 CURRENT FILING DATE: 2002-08-07
 PRIORITY APPLICATION NUMBER: US 60/310,982
 PRIORITY FILING DATE: 2001-08-08
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 31
 LENGTH: 36
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)
 PCT-US02-25227-31

Query Match 99.4%; Score 177; DB 1; Length 36;
 Best Local Similarity 100.0%; Pred. No. 2e-18; Indels 0; Gaps 0;
 Matches 34; Conservative 0; Mismatches 0;
 Qy 2 PERHAEGTFSVSYLGEQAAKEFIAWLVKGRG 35
 Db 3 PERHAEGTFSVSYLGEQAAKEFIAWLVKGRG 36

RESULT 5
 US-10-215-272-31
 / Sequence 31, Application US/10215272
 / GENERAL INFORMATION:
 / APPLICANT: Genzyme Corporation
 / APPLICANT: Radiswotch, Samuel C.
 / APPLICANT: Armentano, Donna
 / APPLICANT: Gregory, Richard J.
 / APPLICANT: Parsons, Geoffrey
 / TITLE OF INVENTION: Methods of Treating Diabetes and Other
 / FILE REFERENCE: 2428.2019002.PCT
 / CURRENT APPLICATION NUMBER: US/10/215.272
 / CURRENT FILING DATE: 2002-08-07
 / PRIOR APPLICATION NUMBER: US 60/310,982
 / PRIOR FILING DATE: 2001-08-08
 / NUMBER OF SEQ ID NOS: 54
 / SOFTWARE: FastSEQ for Windows Version 4.0
 / SEQ ID NO: 31
 / LENGTH: 36
 / TYPE: PRT
 / ORGANISM: Artificial Sequence
 / FEATURE: Modified GLP-1 molecule; GLP-1 (2-37)
 / OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)
 US-10-215-272-31

Query Match 99.4%; Score 177; DB 28; Length 36;
 Best Local Similarity 100.0%; Pred. No. 2e-18; Indels 0; Gaps 0;
 Matches 34; Conservative 0; Mismatches 0;
 Qy 2 PERHAEGTFSVSYLGEQAAKEFIAWLVKGRG 35
 Db 3 PERHAEGTFSVSYLGEQAAKEFIAWLVKGRG 36

RESULT 6
 PCT-US02-13088-1
 / Sequence 1, Application PC/US0213088
 / GENERAL INFORMATION:
 / APPLICANT: Restoragen, Inc.
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
 / TITLE OF INVENTION: RESISTANCE
 / FILE REFERENCE: RGN-3
 / CURRENT APPLICATION NUMBER: PCT/US02/13088
 / CURRENT FILING DATE: 2002-04-24
 / NUMBER OF SEQ ID NOS: 13
 / SOFTWARE: PatentIt version 3.1
 / SEQ ID NO: 1
 / LENGTH: 37
 / TYPE: PRT
 / ORGANISM: mammalian
 PCT-US02-13088-1

Query Match 99.4%; Score 177; DB 1; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.1e-18; Indels 0; Gaps 0;
 Matches 34; Conservative 0; Mismatches 0;

US-07-899-073-1
 / Sequence 1, Application US/07899073
 / GENERAL INFORMATION:
 / APPLICANT: Andrews, Glenn C.
 / APPLICANT: Daumy, Gaston O.
 / APPLICANT: Francoeur, Michael L.
 / APPLICANT: Larson, Eric R.
 / TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
 / TITLE OF INVENTION: DERIVATIVES
 / NUMBER OF SEQUENCES: 6
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Gregg C. Benson, Pfizer Inc
 / STREET: Eastern Point Road
 / CITY: Groton
 / STATE: CT USA
 / ZIP: 06340
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC Compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: PatentIn Release #1.0, Version #1.25
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/07/899,073
 / FILING DATE: 19920615
 / CLASSIFICATION: 514
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Benson, Gregg C.
 / REGISTRATION NUMBER: 30,997
 / REFERENCE/DOCKET NUMBER: PC8156GCB
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: (203) 441-4901
 / TELEFAX: (203) 441-5221
 / INFORMATION FOR SEQ ID NO: 1:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 37 amino acids
 / TYPE: AMINO ACID
 / TOPOLOGY: Linear
 / MOLECULE TYPE: peptide
 US-07-899-073-1

Query Match 99.4%; Score 177; DB 3; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.1e-18; Indels 0; Gaps 0;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 PERHAEGTFSVSYLGEQAAKEFIAWLVKGRG 35
 Db 4 PERHAEGTFSVSYLGEQAAKEFIAWLVKGRG 37

RESULT 8
 US-08-044-133-1
 / Sequence 1, Application US/08044133
 / GENERAL INFORMATION:
 / APPLICANT: Kim, Yesook
 / APPLICANT: Lambert, William J.
 / APPLICANT: Qi, Hong
 / APPLICANT: Gelband, Robert A.
 / APPLICANT: Geoghegan, Kieran F.
 / APPLICANT: Danley, Dennis E.
 / TITLE OF INVENTION: Prolonged Delivery of Peptides
 / NUMBER OF SEQUENCES: 7
 / CORRESPONDENCE ADDRESS:
 / ADDRESS: Pfizer Inc
 / STREET: 235 East 42nd Street, 20th Floor
 / CITY: New York
 / STATE: New York
 / COUNTRY: U.S.A.
 / ZIP: 10017-5755
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC Compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/044,133
 FILING DATE: 07-APR-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PCB391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1169
 TELEFAX: (212)573-1939
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 37 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLINE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A
 US-08-044-133-1

Query Match 99.4%; Score 177; DB 4; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.1e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 PERHAEGFTSDVSSYLEGQAKEPIAWLYKGRG 35
 Db 4 PERHAEGFTSDVSSYLEGQAKEPIAWLYKGRG 37

RESULT 9
 US-08-356-231-1
 Sequence 1, Application US/08356231
 GENERAL INFORMATION:
 APPLICANT: Andrews, Glenn C.
 APPLICANT: Daumy, Gaston O.
 APPLICANT: Francceur, Michael L.
 APPLICANT: Larson, Eric R.
 APPLICANT: Pfizer Inc, (Non-JS)
 TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULTNOTROPIN
 NUMBER OF SEQURES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Gregg C. Benson, Pfizer Inc
 STREET: Eastern Point Road
 CITY: Groton
 STATE: CT
 COUNTRY: USA
 ZIP: 06340

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/520,485
 FILING DATE: 29-AUG-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G.
 REGISTRATION NUMBER: 35,093
 REFERENCE/DOCKET NUMBER: 8648-32-USD1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 612-332-5300
 TELEFAX: 612-332-9081
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 37 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 IMMEDIATE SOURCE:
 CLONE: GLP1 (1-37)

US-08-356-231-1

Query Match 99.4%; Score 177; DB 9; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.1e-18;
 Matches 34; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0; Gaps 0;

Qy 2 FERHABETFTSDVSSYLEGQAKEFIAFLVKGRG 35

Db 4 FERHABGIFTSDVSSYLEGQAKEFIAFLVKGRG 37

RESULT 11

US-09-623-548A-343

Sequence 343. Application US/09623548A

GENERAL INFORMATION:

APPLICANT: Bridjoum, Inc.

APPLICANT: Bridjoum, Dominique

APPLICANT: Ezrin, Alan

APPLICANT: Holmes, Darren

ORGANISM: Artificial Sequence

FEATURE: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: Peptide

US-09-623-548A-343

LENGTH: 37

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: Peptide

US-09-623-548A-343

LENGTH: 37

TYPE: PRT

ORGANISM: mammalian

Query Match 99.4%; Score 177; DB 9; Length 37;
 Best Local Similarity 100.0%; Pred. No. 2.1e-18;
 Matches 34; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0; Gaps 0;

Qy 2 FERHABETFTSDVSSYLEGQAKEFIAFLVKGRG 35

Db 4 FERHABGIFTSDVSSYLEGQAKEFIAFLVKGRG 37

RESULT 12

US-09-646-433-1

Sequence 1. Application US/09646433

GENERAL INFORMATION:

APPLICANT: Goke, Burkhard

APPLICANT: Schirra, Jorg

TITLE OF INVENTION: HUMAN APPETITE CONTROL BY GLUCAGON-LIKE PEPTIDE RECEPTOR BINDING

FILE REFERENCE: 203899US1

CURRENT APPLICATION NUMBER: US/09/646,433

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: US 60/189,091

PRIOR FILING DATE: 2000-03-14

PRIOR APPLICATION NUMBER: PCT/US99/05571

PRIOR FILING DATE: 1999-03-16

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn version 3.1

SEQ ID NO: 1

LENGTH: 37

TYPE: PRT

FEATURE: Unknown

OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP peptide

RESULT 13

US-09-657-276-343

Sequence 343. Application US/09657276

GENERAL INFORMATION:

APPLICANT: Conluchem, Inc.

APPLICANT: Brigdon, Dominique

APPLICANT: Ezrin, Alan

APPLICANT: Holmes, Darren

ORGANISM: Artificial Sequence

FEATURE: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-657-276-343

LENGTH: 37

TYPE: PRT

FEATURE: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-657-276-343

LENGTH: 37

TYPE: PRT

ORGANISM: mammalian

RESULT 14

US-09-719-410-1

Sequence 1. Application US/09719410

GENERAL INFORMATION:

APPLICANT: Goke, Burkhard

APPLICANT: Bytze, Maria

APPLICANT: Buzza, Maria

TITLE OF INVENTION: Glucagon-Like Peptide-1 Improves the Ability of the

B-Cell to Sense and Respond to Glucose in Subjects with

Impaired Glucose Tolerance

FILE REFERENCE: P03986US2

CURRENT APPLICATION NUMBER: US/09/719,410

CURRENT FILING DATE: 2000-12-12

PRIOR APPLICATION NUMBER: PCT/US99/10040

PRIOR FILING DATE: 1999-05-07

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO: 1

LENGTH: 37

TYPE: PRT

FEATURE: Unknown

OTHER INFORMATION: Description of Unknown Organism: Mammalian

US-09-719-410-1

Query Match 99.4%; Score 177; DB 21; Length 37;
 Best Local Similarity 100.0%; Prcd. No. 2.1e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 FERHAEGTFSDVSSYLEGAAKEFIAFLVKGGRG 35
 Db 4 FERHAEGTFSDVSSYLEGAAKEFIAFLVKGGRG 37

RESULT 15

US-09-851-738-1

; Sequence 1, Application US/09851738
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas R.
 ; APPLICANT: Ehlers, Mario R.W.
 ; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
 ; TITLE OF INVENTION: Ischemic and Reperfused Tissue
 ; FILE REFERENCE: P03640US1
 ; CURRENT APPLICATION NUMBER: US/09/851,718
 ; CURRENT FILING DATE: 2003-05-09
 ; PRIOR APPLICATION NUMBER: 09/7302,596
 ; PRIOR FILING DATE: 1999-04-30
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 1
 ; LENGTH: 37
 ; TYPE: PRT
 ; ORGANISM: mammalian
 US-09-851-738-1

Query Match 99.4%; Score 177; DB 23; Length 37;
 Best Local Similarity 100.0%; Prcd. No. 2.1e-18;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 FERHAEGTFSDVSSYLEGAAKEFIAFLVKGGRG 35
 Db 4 FERHAEGTFSDVSSYLEGAAKEFIAFLVKGGRG 37

Search completed: July 3, 2004, 00:46:13
 Job time : 225.349 secs

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OM protein - protein search, using SW model

Run on: July 3, 2004, 00:25:27 ; Search time 16.5217 Seconds

(without alignments),
105.442 Million cell updates/sec

Title: US-09-943-084-1

Perfect score: 178

Sequence: 1 PFRRAEGTFTSDVSSYLEGQAAKEFLAWLVGRG 35

Scoring table: BLOSUM62

Gapq 10.0 , Gapext 0.5

Searched: 327902 seqs, 49773865 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0
Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%
Maximum Match 40%
Listing First 40 summaries

Database :

Pending Patents AR_New *

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	177	99.4	35	6 US-10-716-326-32	Sequence 32, AppI
2	177	99.4	35	6 US-10-715-976-32	Sequence 32, AppI
3	177	99.4	36	6 US-10-716-326-31	Sequence 31, AppI
4	177	99.4	36	6 US-10-715-976-31	Sequence 31, AppI
5	177	99.4	37	6 US-10-723-099A-1	Sequence 1, AppI
6	177	99.4	37	6 US-10-722-733-1	Sequence 1, AppI
7	177	99.4	180	5 US-09-635-619E-2	Sequence 2, AppI
8	177	99.4	180	6 US-10-775-180-198	Sequence 198, App
9	177	99.4	180	6 US-10-775-180-199	Sequence 199, App
10	177	99.4	180	6 US-10-775-180-200	Sequence 200, App
11	177	99.4	180	6 US-10-775-180-201	Sequence 201, App
12	177	99.4	180	6 US-10-775-180-425	Sequence 426, App
13	177	99.4	180	6 US-10-775-180-427	Sequence 427, App
14	177	99.4	180	6 US-10-775-180-428	Sequence 428, App
15	177	99.4	180	6 US-10-775-180-429	Sequence 429, App
16	177	99.4	180	6 US-10-775-180-430	Sequence 430, App
17	177	99.4	180	6 US-10-775-180-651	Sequence 651, App
18	177	99.4	180	6 US-10-775-180-675	Sequence 675, App
19	177	99.4	180	6 US-10-775-180-676	Sequence 676, App
20	177	99.4	180	6 US-10-775-180-630	Sequence 630, App
21	177	99.4	180	6 US-10-775-204-632	Sequence 632, App
22	177	99.4	180	6 US-10-775-204-633	Sequence 633, App
23	177	99.4	180	6 US-10-775-204-634	Sequence 634, App
24	177	99.4	180	6 US-10-775-204-1246	Sequence 1246, App
25	177	99.4	180	6 US-10-775-204-1247	Sequence 1247, App
26	177	99.4	180	6 US-10-715-976-6	Sequence 1248, App

ALIGNMENTS

27	177	99.4	180	6 US-10-775-204-1249	Sequence 1249, App
28	177	99.4	180	6 US-10-775-204-1250	Sequence 1250, App
29	177	99.4	180	6 US-10-775-204-1727	Sequence 1727, App
30	177	99.4	180	6 US-10-775-204-1776	Sequence 1776, App
31	177	99.4	180	6 US-10-793-5677-1	Sequence 1, Appl
32	177	99.4	180	6 US-10-793-5677-1	Sequence 1, Appl
33	177	99.4	180	7 US-0-568-073-1029	Sequence 1029, App
34	177	99.4	171	3.7	US-10-723-099A-16
35	171	96.1	171	3.7	US-10-723-099A-15
36	171	96.1	171	3.7	US-10-723-099A-16
37	171	96.1	171	3.7	US-10-723-099A-16
38	171	96.1	171	3.7	US-10-722-733-16
39	171	96.1	171	3.7	US-10-722-733-25
40	171	96.1	166	3.2	US-10-716-326-33
41	166	93.3	163	3.2	US-10-715-976-33
42	166	93.3	163	7.7	US-10-716-326-6
43	163	91.6	163	7.7	US-10-715-976-6
44	163	91.6	163	7.7	US-10-715-976-6
45	163	91.6	163	7.7	US-10-715-976-6

RESULTS

RESULT 1	US-10-716-326-32	; Sequence 32, Application US/10716326
		; GENERAL INFORMATION:
		; APPLICANT: Genzyme Corporation
		; INVENTOR: Wadsworth, Samuel
		; ATTENTANO, Diana
		; APPLICANT: Wadsworth, Richard J.
		; ATTENTANO, Parsons, Geoffrey
		; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
		; CURRENT APPLICATION NUMBER: US/10/716-326
		; CURRENT FILING DATE: 2003-11-17
		; PRIOR APPLICATION NUMBER: US 10/245,272
		; PRIOR FILING DATE: 2002-08-07
		; PRIOR APPLICATION NUMBER: US 60/310,982
		; PRIOR FILING DATE: 2001-08-08
		; NUMBER OF SEQ ID NOS: 54
		; SOFTWARE: PatentIn version 3.2
		; SEQ ID NO 32
		; LENGTH: 35
		; TYPE: PRT
		; ORGANISM: Artificial Sequence
		; FEATURE:
		; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
		US-10-716-326-32
		Query Match
		Best Local Similarity 99.4%; Score 177; DB 6; Length 35;
		Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	2	FERHABEGTFTSDVSSYLEGQAAKEFLAWLVGRG 35
Db	2	FERHABEGTFTSDVSSYLEGQAAKEFLAWLVGRG 35
RESULT 2	US-10-715-976-32	; Sequence 32, Application US/10715976
		; GENERAL INFORMATION:
		; APPLICANT: Genzyme Corporation
		; INVENTOR: Wadsworth, Samuel
		; ATTENTANO, Diana
		; APPLICANT: Wadsworth, Richard J.
		; ATTENTANO, Parsons, Geoffrey
		; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
		; FILE REFERENCE: 5121
		; CURRENT APPLICATION NUMBER: US/10/715,976
		; CURRENT FILING DATE: 2003-11-17

NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 32
 LENGTH: 35
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)
 US-10-715-976-32

Query Match 99.4%; Score 177; DB 6; Length 36;
 Best Local Similarity 100.0%; Pred. No. 9.8e-18;
 Matches 34; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 2 FERHAEGTFTSDVSSYLEGQAKEFIAWLYKGRG 35
 Db 3 FERHAEGTFTSDVSSYLEGQAKEFIAWLYKGRG 36

RESULT 5
 US-10-723-099A-1
 Sequence 1, Application US/10723099A
 GENERAL INFORMATION:
 APPLICANT: Bridon, Dominique P.
 APPLICANT: L'Archeveque, Benoit
 APPLICANT: Ezrin, Alan M.
 APPLICANT: Holmes, Darren L.
 APPLICANT: Leblanc, Anouk
 APPLICANT: St. Pierre, Serge
 TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)

APPLICANT: Genzyme Corporation
 APPLICANT: Armentano, Donna
 APPLICANT: Gregory, Richard J.
 APPLICANT: Parsons, Geoffrey
 TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
 FILE REFERENCE: 5062CIP
 CURRENT APPLICATION NUMBER: US/10/716,326
 CURRENT FILING DATE: 2003-11-17
 PRIOR APPLICATION NUMBER: US 10/215,272
 PRIOR FILING DATE: 2002-08-07
 PRIOR APPLICATION NUMBER: US 60/310,982
 PRIOR FILING DATE: 2001-08-08
 NUMBER OF SEQ ID NCS: 54
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 31
 LENGTH: 36
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)
 US-10-716-326-31

Query Match 99.4%; Score 177; DB 6; Length 36;
 Best Local Similarity 100.0%; Pred. No. 9.8e-18;
 Matches 34; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 2 FERHAEGTFTSDVSSYLEGQAKEFIAWLYKGRG 35
 Db 3 FERHAEGTFTSDVSSYLEGQAKEFIAWLYKGRG 36

RESULT 6
 US-10-722-733-1
 Sequence 1, Application US/10722733
 GENERAL INFORMATION:
 APPLICANT: Bridon, Dominique P.
 APPLICANT: L'Archeveque, Benoit
 APPLICANT: Ezrin, Alan M.
 APPLICANT: Holmes, Darren L.
 APPLICANT: Leblanc, Anouk
 APPLICANT: St. Pierre, Serge
 TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
 FILE REFERENCE: 500862001611
 CURRENT APPLICATION NUMBER: US/10/722,733
 CURRENT FILING DATE: 2003-11-25
 PRIOR APPLICATION NUMBER: US/10/288,340
 PRIOR FILING DATE: 2003-11-04
 PRIOR APPLICATION NUMBER: 09/657,332
 PRIOR FILING DATE: 2000-09-07
 NUMBER OF SEQ ID NOS: 35
 SEQ ID NO: 1
 LENGTH: 37
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 US-10-723-099A-1

Query Match 99.4%; Score 177; DB 6; Length 37;
 Best Local Similarity 100.0%; Pred. No. 1e-17;
 Matches 34; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 2 FERHAEGTFTSDVSSYLEGQAKEFIAWLYKGRG 35
 Db 4 FERHAEGTFTSDVSSYLEGQAKEFIAWLYKGRG 37

RESULT 7
 US-10-715-976-31
 Sequence 31, Application US/10715976
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation
 APPLICANT: Wadsworth, Samuel
 APPLICANT: Armentano, Donna
 APPLICANT: Gregory, Richard J.
 APPLICANT: Parsons, Geoffrey
 TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
 FILE REFERENCE: 5121
 CURRENT APPLICATION NUMBER: US/10/715,976
 CURRENT FILING DATE: 2003-11-17
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 31
 LENGTH: 36
 TYPE: PRT

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; PRIOR APPLICATION NUMBER: PCT/US02/40892
; PRIOR FILING DATE: 2002-12-23
; SEQ ID NO: 1 ; SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-10-722-733-1

Query Match 99.4%; Score 177; DB 6; Length 37;
Best Local Similarity 100.0%; Pred. No. 1e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAEGFTSDVSYLQQAAKEFIANLVKGRG 35
Db 4 FERHAEGFTSDVSYLQQAAKEFIANLVKGRG 37

PRIOR APPLICATION NUMBER: 60/398,008
PRIOR FILING DATE: 2002-07-24
PRIOR APPLICATION NUMBER: 60/411,355
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 60/414,984
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: 60/417,611
PRIOR FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/420,246
PRIOR FILING DATE: 2002-10-23
PRIOR APPLICATION NUMBER: 60/423,623
PRIOR FILING DATE: 2002-11-05
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 858
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 198
LENGTH: 180
TYPE: PRT
ORGANISM: Homo sapiens
US-10-775-180-198

Query Match 99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
FILE REFERENCE: 06/911090009
CURRENT APPLICATION NUMBER: US/09/635,679B
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 09/090,949
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 08/749,762
PRIOR FILING DATE: 1996-11-20
PRIOR APPLICATION NUMBER: 08/156,800
PRIOR FILING DATE: 1993-11-23
PRIOR APPLICATION NUMBER: 07/756,215
PRIOR APPLICATION NUMBER: 07/532,111
PRIOR FILING DATE: 1990-06-01
PRIOR APPLICATION NUMBER: 07/148,517
PRIOR FILING DATE: 1988-01-26
PRIOR APPLICATION NUMBER: 06/859,928
PRIOR FILING DATE: 1986-05-05
NUMBER OF SEQ ID NOS: 4
SEQ ID NO: 2
LENGTH: 180
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: proprogtagon precursor
US-09-635-679E-2

Query Match 99.4%; Score 177; DB 5; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FERHAEGFTSDVSYLQQAAKEFIANLVKGRG 35
Db 95 FERHAEGFTSDVSYLQQAAKEFIANLVKGRG 128

RESULT 9
US-10-775-180-199
; Sequence 199, Application US/10775180
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: PP574
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: PCT/US02/40892
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: 60/398,008
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/411,355
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 60/420,246
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/417,611
; PRIOR FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/423,623
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 858
; SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 199
LENGTH: 180

RESULT 8
US-10-775-180-198
; Sequence 198, Application US/10775180
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: PP574
; CURRENT APPLICATION NUMBER: US/10/775,180
; CURRENT FILING DATE: 2004-02-11

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US-10-775-180-426
 Query Match 99.4%; Score 177; DB 6; Length 180;
 Best Local Similarity 100.0%; Pred. No. 5.3e-17;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 427
 APPLICANT: Rosen, Craig A.
 TITLE OF INVENTION: Albumin Fusion Proteins
 FILE REFERENCE: PPT74
 CURRENT APPLICATION NUMBER: US/10/775.180
 CURRENT FILING DATE: 2004-05-11
 PRIOR APPLICATION NUMBER: PCT/US02/40892
 PRIOR FILING DATE: 2002-12-23
 PRIOR APPLICATION NUMBER: 60/341,811
 PRIOR FILING DATE: 2001-12-21
 PRIOR APPLICATION NUMBER: 60/360,000
 PRIOR FILING DATE: 2002-02-28
 PRIOR APPLICATION NUMBER: 60/378,950
 PRIOR FILING DATE: 2002-05-10
 PRIOR APPLICATION NUMBER: 60/398,008
 PRIOR FILING DATE: 2002-07-24
 PRIOR APPLICATION NUMBER: 60/411,355
 PRIOR FILING DATE: 2002-09-18
 PRIOR APPLICATION NUMBER: 60/414,984
 PRIOR FILING DATE: 2002-10-02
 PRIOR APPLICATION NUMBER: 60/360,000
 PRIOR FILING DATE: 2002-02-28
 PRIOR APPLICATION NUMBER: 60/378,950
 PRIOR FILING DATE: 2002-05-10
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 858
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO: 427
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-775-180-427
 Query Match 99.4%; Score 177; DB 6; Length 180;
 Best Local Similarity 100.0%; Pred. No. 5.3e-17;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 427
 APPLICANT: Rosen, Craig A.
 TITLE OF INVENTION: Albumin Fusion Proteins
 FILE REFERENCE: PPT74
 CURRENT APPLICATION NUMBER: US/10/775.180
 CURRENT FILING DATE: 2004-02-11
 PRIOR APPLICATION NUMBER: PCT/US02/40892
 PRIOR FILING DATE: 2002-12-23
 PRIOR APPLICATION NUMBER: 60/341,811
 PRIOR FILING DATE: 2001-12-21
 PRIOR APPLICATION NUMBER: 60/360,000
 PRIOR FILING DATE: 2002-02-28
 PRIOR APPLICATION NUMBER: 60/378,950
 PRIOR FILING DATE: 2002-05-10
 PRIOR APPLICATION NUMBER: 60/398,008
 PRIOR FILING DATE: 2002-07-24
 PRIOR APPLICATION NUMBER: 60/411,355
 PRIOR FILING DATE: 2002-09-18
 PRIOR APPLICATION NUMBER: 60/414,984
 PRIOR FILING DATE: 2002-10-02
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 858
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO: 429
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-775-180-428
 Query Match 99.4%; Score 177; DB 6; Length 180;
 Best Local Similarity 100.0%; Pred. No. 5.3e-17;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 428
 APPLICANT: Rosen, Craig A.
 TITLE OF INVENTION: Albumin Fusion Proteins
 FILE REFERENCE: PPT74
 CURRENT APPLICATION NUMBER: US/10/775.180
 CURRENT FILING DATE: 2004-02-11
 PRIOR APPLICATION NUMBER: PCT/US02/40892
 PRIOR FILING DATE: 2002-12-23
 PRIOR APPLICATION NUMBER: 60/341,811
 PRIOR FILING DATE: 2001-12-21
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 858
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO: 429
 LENGTH: 180
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-775-180-429
 Query Match 99.4%; Score 177; DB 6; Length 180;
 Best Local Similarity 100.0%; Pred. No. 5.3e-17;
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 429
 APPLICANT: Rosen, Craig A.
 TITLE OF INVENTION: Albumin Fusion Proteins
 FILE REFERENCE: PPT74
 CURRENT APPLICATION NUMBER: US/10/775.180
 CURRENT FILING DATE: 2004-02-11
 PRIOR APPLICATION NUMBER: PCT/US02/40892
 PRIOR FILING DATE: 2002-12-23
 PRIOR APPLICATION NUMBER: 60/341,811
 PRIOR FILING DATE: 2001-12-21
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 858
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO: 429
 LENGTH: 180
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-775-180-429

RESULT 13
 US-10-775-180-427
 / Sequence 427, Application US/10775180
 / GENERAL INFORMATION:Albumin Fusion Proteins
 / APPLICANT: Baseltine, William A.
 / TITLE OF INVENTION:Albumin Fusion Proteins
 / FILE REFERENCE: PCT/US02/40892
 / CURRENT APPLICATION NUMBER: US/10/775.180
 / CURRENT FILING DATE: 2004-05-11
 / PRIOR APPLICATION NUMBER: PCT/US02/40892
 / PRIOR FILING DATE: 2002-12-23
 / PRIOR APPLICATION NUMBER: 60/341,811
 / PRIOR FILING DATE: 2001-12-21
 / Sequence 429, Application US/10775180
 / GENERAL INFORMATION:
 / APPLICANT: Rosen, Craig A.
 / TITLE OF INVENTION:Albumin Fusion Proteins
 / FILE REFERENCE: PCT/US02/40892
 / CURRENT APPLICATION NUMBER: US/10/775.180
 / CURRENT FILING DATE: 2004-02-11
 / PRIOR APPLICATION NUMBER: PCT/US02/40892
 / PRIOR FILING DATE: 2002-12-23
 / PRIOR APPLICATION NUMBER: 60/341,811
 / PRIOR FILING DATE: 2001-12-21
 / Sequence 428, Application US/10775180
 / GENERAL INFORMATION:
 / APPLICANT: Baseltine, William A.
 / TITLE OF INVENTION:Albumin Fusion Proteins
 / FILE REFERENCE: PPT74
 / CURRENT APPLICATION NUMBER: US/10/775.180
 / CURRENT FILING DATE: 2004-02-11
 / PRIOR APPLICATION NUMBER: PCT/US02/40892
 / PRIOR FILING DATE: 2002-12-23
 / PRIOR APPLICATION NUMBER: 60/341,811
 / PRIOR FILING DATE: 2001-12-21
 / Remaining Prior Application data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 858
 / SOFTWARE: Patentin Ver. 2.0
 / SEQ ID NO: 428
 / LENGTH: 180
 / TYPE: PRT
 / ORGANISM: Homo sapiens
 / US-10-775-180-428
 / Sequence 428, Application US/10775180
 / GENERAL INFORMATION:
 / APPLICANT: Baseltine, William A.
 / TITLE OF INVENTION:Albumin Fusion Proteins
 / FILE REFERENCE: PPT74
 / CURRENT APPLICATION NUMBER: US/10/775.180
 / CURRENT FILING DATE: 2004-02-11
 / PRIOR APPLICATION NUMBER: PCT/US02/40892
 / PRIOR FILING DATE: 2002-12-23
 / PRIOR APPLICATION NUMBER: 60/341,811
 / PRIOR FILING DATE: 2001-12-21
 / Remaining Prior Application data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 858
 / SOFTWARE: Patentin Ver. 2.0
 / SEQ ID NO: 428
 / LENGTH: 180
 / TYPE: PRT
 / ORGANISM: Homo sapiens
 / US-10-775-180-428

Query Match 99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Prod. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2 FERHAEGTFTSDVSSYLESQAAKEFIANLYKGRG 35
Db 95 FERHAEGTFTSDVSSYLESQAAKEFIANLYKGRG 128

Search completed: July 3, 2004, 00:47:42
Job time : 17.5217 secs

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Om protein - protein search, using sw model

Run on: July 3, 2004, 00:21:27 ; Search time 13:4037 Seconds
 (without alignments)
 100.142 Million Cell updates/sec

Title: US-09-943-084-2

Perfect score: 133

Sequence: 1 FTSDVSSYLEGAAKEFLAWLYKGGRG 26

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625371 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Issued_Patents_AA.*

Database : 1: /cgn2_6/prodata/2/iaa/5A.COMB.pep:*

2: /cgn2_6/prodata/2/iaa/5B.COMB.pep:*

3: /cgn2_6/prodata/2/iaa/6A.COMB.pep:*

4: /cgn2_6/prodata/2/iaa/6B.COMB.pep:*

5: /cgn2_6/prodata/2/iaa/PCUTS.COMB.pep:*

6: /cgn2_6/prodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Score	Match Length	DB ID	Description
1	133	100.0	29 1 US-08-297-731-10	Sequence 10, Appl
2	133	100.0	29 3 US-09-302-596-5	Sequence 5, Appl
3	133	100.0	29 4 US-09-333-615-5	Sequence 5, Appl
4	133	100.0	29 4 US-09-303-016-5	Sequence 5, Appl
5	133	100.0	29 4 US-09-805-507-5	Sequence 5, Appl
6	133	100.0	29 5 PCT-US95-310793-1.0	Sequence 10, Appl
7	133	100.0	30 1 US-08-297-731-12	Sequence 12, Appl
8	133	100.0	30 5 PCT-US95-10793-1.2	Sequence 12, Appl
9	133	100.0	31 1 US-08-095-162-3	Sequence 3, Appl
10	133	100.0	31 1 US-08-470-220A-3	Sequence 3, Appl
11	133	100.0	31 2 US-08-835-231-12	Sequence 12, Appl
12	133	100.0	31 3 US-08-667-774-3	Sequence 3, Appl
13	133	100.0	31 3 US-08-961-105A-1	Sequence 1, Appl
14	133	100.0	31 3 US-08-915-918A-1	Sequence 6, Appl
15	133	100.0	31 3 US-08-915-918A-1	Sequence 1, Appl
16	133	100.0	31 3 US-09-302-596-3	Sequence 2, Appl
17	133	100.0	31 3 US-08-472-149-2	Sequence 12, Appl
18	133	100.0	31 3 US-09-108-661-12	Sequence 12, Appl
19	133	100.0	31 4 US-09-623-188B-2	Sequence 3, Appl
20	133	100.0	31 4 US-09-333-615-3	Sequence 5, Appl
21	133	100.0	31 4 US-09-585-181A-5	Sequence 1, Appl
22	133	100.0	31 4 US-09-209-790D-1	Sequence 5, Appl
23	133	100.0	31 4 US-09-209-790D-5	Sequence 11, Appl
24	133	100.0	31 4 US-09-209-790D-11	Sequence 12, Appl
25	133	100.0	31 4 US-09-209-790D-12	Sequence 16, Appl
26	133	100.0	31 4 US-09-209-790D-16	Sequence 17, Appl
27	133	100.0	31 4 US-09-209-790D-17	

ALIGNMENTS

RESULT 1
 US-08-297-731-10
 Sequence 10, Application US-08297731
 Patent No. 5574008
 GENERAL INFORMATION:
 APPLICANT: Johnson, William T.
 ATTORNEY/AGENT INFORMATION:
 APPLICANT: Yakubu-Madus, Patima E.
 TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Eli Lilly and Company/RSM
 STREET: Lilly Corporate Center
 CITY: Indianapolis
 STATE: IN
 COUNTRY: USA
 ZIP: 46285
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/297,731
 FILING DATE: 2000-07-10
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Maciak, Ronald S.
 REGISTRATION NUMBER: 35,262
 REFERENCE/DOCKET NUMBER: X96310
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 317-276-1614
 TELEX/FAX: 317-277-1917
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 29 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-297-731-10

Query Match Best Local Similarity 100.0% ; Score 133; DB 1; Length 29;
 Matches 0; Mismatches 0; Pred. No. 8.6e-14; Index 0; Gaps 0;

QY 1 FTSDVSSYLEGAAKEFLAWLYKGGRG 26
 Db 4 FTSDVSSYLEGAAKEFLAWLYKGGRG 29

RESULT 2
US-09-302-596-5
Sequence 5, Application US/09302596
Patent No. 6284725
GENERAL INFORMATION:
APPLICANT: Ehlers, Mario R. W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of the Ischemic and Reperfused Tissue
FILE REFERENCE: P03660US1
CURRENT APPLICATION NUMBER: US/09/302,596
PRIORITY FILING DATE: 1999-04-10
PRIOR APPLICATION NUMBER: 60/103,498
NUMBER OF FILING DATE: 1998-10-08
SEQ ID NO: 5
SOFTWARE: PatentIn Ver. 2.0
LENGTH: 29
TYPE: PRT
ORGANISM: mammalian
US-09-302-596-5

Query Match 100.0%; Score 133; DB 3; Length 29;
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 FTSDVSSYLEGQAKEFIAWVKGRG 26
Db 4 FTSDVSSYLEGQAKEFIAWVKGRG 29

RESULT 3
US-09-333-415-5
Sequence 5, Application US/09333415
Patient No. 6344180
GENERAL INFORMATION:
APPLICANT: Holter, Jens J.
TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell Function and the Presence of the Condition of IGT and Type-II Diabetes
TITLE OF INVENTION: Function and the Presence of the Condition of IGT and Type-II Diabetes
FILE REFERENCE: P03980US0
CURRENT APPLICATION NUMBER: US/09/333,415
CURRENT FILING DATE: 1999-06-15
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 5
LENGTH: 29
TYPE: PRT
ORGANISM: Homo sapiens
US-09-333-415-5

Query Match 100.0%; Score 133; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 FTSDVSSYLEGQAKEFIAWVKGRG 26
Db 4 FTSDVSSYLEGQAKEFIAWVKGRG 29

RESULT 4
US-09-303-016-5
Sequence 5, Application US/09303016
Patent No. 6229197
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Ehlers, Mario R. W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically Active Analogs to Improve the Function of the Ischemic and Reperfused Brain
FILE REFERENCE: P03660US2

Query Match 100.0%; Score 133; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 FTSDVSSYLEGQAKEFIAWVKGRG 26
Db 4 FTSDVSSYLEGQAKEFIAWVKGRG 29

RESULT 5
US-09-805-507-5
Sequence 5, Application US/09805507
Patent No. 6579851
GENERAL INFORMATION:
APPLICANT: COOLIDGE, THOMAS R.
APPLICANT: EHLLERS, MARIO L.
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 13
SEQ ID NO: 5
SOFTWARE: PatentIn Ver. 2.1
LENGTH: 29
TYPE: PRT
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form
US-09-805-507-5

Query Match 100.0%; Score 133; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 FTSDVSSYLEGQAKEFIAWVKGRG 26
Db 4 FTSDVSSYLEGQAKEFIAWVKGRG 29

RESULT 6
PCT-US95-10793-10
Sequence 10, Application PC/TUS9510793
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madue, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF GLUCAGON-LIKE INSULINOTROPIC PEPTIDES
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADRESSEEE: Eli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/10793
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Maciak, Ronald S.
 REGISTRATION NUMBER: 35 262
 REFERENCE/DOCKET NUMBER: X9630
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 317-276-1664
 TELEFAX: 317-277-1917
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 29 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 PCT/US95-10793-10

Query Match 100.0%; Score 133; DB 5; Length 29;
 Best Local Similarity 100.0%; Pred. No. 9e-14;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEPTAVLVKGGRG 26
 Db 4 FTSDVSSYLEGQAAKEPTAVLVKGGRG 29

RESULT 7
 US-08-297-731-12
 / Sequence 12, Application US/08297731
 / Patent No. 5574008

GENERAL INFORMATION:
 APPLICANT: Johnson, William T.
 APPLICANT: Yakubu-Madus, Fatima E.
 TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
 TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Eli Lilly and Company/RSM
 STREET: Lilly Corporate Center
 CITY: Indianapolis
 STATE: IN
 ZIP: 46285

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 FILING DATE:
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Maciak, Ronald S.
 REGISTRATION NUMBER: 35 262
 REFERENCE/DOCKET NUMBER: X9630
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 317-276-1664
 SEQUENCE CHARACTERISTICS:
 LENGTH: 30 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide

Query Match 100.0%; Score 133; DB 5; Length 30;
 Best Local Similarity 100.0%; Pred. No. 9e-14;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEPTAVLVKGGRG 26
 Db 5 FTSDVSSYLEGQAAKEPTAVLVKGGRG 30

RESULT 8
 PCT-US95-10793-12
 / Sequence 12, Application PCT/US95/10793
 / GENERAL INFORMATION:
 / APPLICANT: Johnson, William T.
 / APPLICANT: Yakubu-Madus, Fatima E.
 / TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
 / TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
 / NUMBER OF SEQUENCES: 13
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Eli Lilly and Company/RSM
 / STREET: Lilly Corporate Center
 / CITY: Indianapolis
 / STATE: IN
 / ZIP: 46285
 / COMPUTER READABLE FORM:
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: Patent In Release #1.0, Version #1.25
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: PCT/US95/10793
 / FILING DATE:
 / CLASSIFICATION:
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Maciak, Ronald S.
 / REGISTRATION NUMBER: 35 262
 / REFERENCE/DOCKET NUMBER: X9630
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 317-276-1664
 / TELEFAX: 317-277-1917
 / INFORMATION FOR SEQ ID NO: 12:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 30 amino acids
 / TYPE: amino acid
 / STRANDEDNESS: single
 / TOPOLOGY: linear
 / MOLECULE TYPE: peptide

Query Match 100.0%; Score 133; DB 5; Length 30;
 Best Local Similarity 100.0%; Pred. No. 9e-14;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEPTAVLVKGGRG 26
 Db 5 FTSDVSSYLEGQAAKEPTAVLVKGGRG 30

RESULT 9
 US-08-095-162-3
 / Sequence 3, Application US/08095162
 / Patent No. 5512459
 / GENERAL INFORMATION:
 / APPLICANT: Scout, Jay
 / APPLICANT: Henriksen, Dennis
 / APPLICANT: Partridge, Bruce
 / APPLICANT: Manning, Shane
 / TITLE OF INVENTION: Enzymatic Method For Modification of
 / TITLE OF INVENTION: Recombinant Polypeptides
 / NUMBER OF SEQUENCES: 26
 / CORRESPONDENCE ADDRESS:

ADDRESSEE: Merchant & Gould
 STREET: 3100 No. 551245west Center
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/095,162
 FILING DATE: 20-JUL-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Nelson, Albin J.
 REFERENCE/DOCKET NUMBER: 28,659
 REFERENCE/DOCKET NUMBER: 8648.32-US01
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 612-332-5100
 TELEFAX: 612-332-9081
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 31 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 IMMEDIATE SOURCE:
 CLONE: GLP1 (7-36)-Gly
 US-08-095-162-3

Query Match Score 133; DB 1; Length 31;
 Best Local Similarity 100.0%; Pred. No. 9.3e-14;
 Matches 26; Conservative 0; Mismatches 0; Gaps 0;

QY 1 FTSDVSSYLEQQAAKEFIAVLVKGRG 26
 Db 6 FTSDVSSYLEQQAAKEFIAVLVKGRG 31

RESULT 10
 US-08-470-220A-3
 Sequence 3, Application US/08470220A
 Patent No. 5707826
 GENERAL INFORMATION:
 APPLICANT: Wagner, Fred W.
 APPLICANT: Scout, Jay
 APPLICANT: Henriksen, Dennis
 APPLICANT: Partridge, Bruce
 APPLICANT: Manning, Shane
 TITLE OF INVENTION: Enzymatic Method for Modification of
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Merchant & Gould
 STREET: 3100 No. 551245west Center
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/470,220A
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/350,709
 FILING DATE: 07-DEC-1994
 APPLICATION NUMBER: 07/838,857
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/835,231
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 024841
 FILING DATE: 19-FEB-1991
 APPLICATION NUMBER: JP 0271438
 FILING DATE: 18-OCT-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: DAVID, RESNICK S
 REGISTRATION NUMBER: 31,235
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-523-3400
 TELEFAX: 617-523-6440
 TELEX: 200291 STRR
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:

LENGTH: 31 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE: US-08-835-231-12

Query Match Score 133; DB 2; Length 31;
 Best Local Similarity 100.0%; Pred. No. 9.3e-14;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEQQAAKEPTFALVKGRC 26
 Db 6 FTSDVSSYLEQQAAKEPTFALVKGRC 31

RESULT 12
 US-08-967-374-3
 Sequence 3, Application US/08967374
 GENERAL INFORMATION:
 APPLICANT: Wagner, Fred W.
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G.
 REGISTRATION NUMBER: 35,093
 REFERENCE/DOCKET NUMBER: 8648.32-USD1
 TELECOMMUNICATION INFORMATION:
 TELEFAX: 612-332-5300
 INFORMATION FOR SEQ ID NO: 3:
 CLASSIFICATION
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/520,485
 FILING DATE: 29-AUG-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G.
 REGISTRATION NUMBER: 35,093
 REFERENCE/DOCKET NUMBER: 8648.32-USD1
 TELECOMMUNICATION INFORMATION:
 TELEFAX: 612-332-5300
 INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:
 LENGTH: 31 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 IMMEDIATE SOURCE: peptide
 CLONE: GLP1 (7-36)-Gly

US-08-967-374-3

Query Match Score 133; DB 3; Length 31;
 Best Local Similarity 100.0%; Pred. No. 9.3e-14;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEQQAAKEPTFALVKGRC 26
 Db 6 FTSDVSSYLEQQAAKEPTFALVKGRC 31

RESULT 13
 US-08-961-405A-1
 Sequence 1, Application US/08961405A
 Patent No. 6191102
 GENERAL INFORMATION:
 APPLICANT: DiMarchi, Richard D.
 ATTORNEY/AGENT INFORMATION:
 NAME: Parridge, Bruce
 TITLE OF INVENTION: Enzymatic Method for Modification of Recombinant Polypeptides
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 STREET: 3100 No. 6037143west Center
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.1, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/961,405A
 FILING DATE: 30-OCT-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 60/030,213
 FILING DATE: 05-NOV-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Martin, Alice O.
 REGISTRATION NUMBER: 35,601
 REFERENCE/DOCKET NUMBER: 3051/90264
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-257-1313
 TELEFAX: 312-759-5646
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 31 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: peptide

US-08-961-405A-1

Query Match Score 133; DB 3; Length 31;
 Best Local Similarity 100.0%; Pred. No. 9.3e-14;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEQQAAKEPTFALVKGRC 26
 Db 6 FTSDVSSYLEQQAAKEPTFALVKGRC 31

RESULT 14
 US-08-961-405A-6
 Sequence 6, Application US/08961405A
 Patent No. 6191102
 GENERAL INFORMATION:
 APPLICANT: DiMarchi, Richard D.
 ATTORNEY/AGENT INFORMATION:
 NAME: Ewendic, Sud
 TITLE OF INVENTION: USE OF GLP-1 ANALOGS AND DERIVATIVES ADMINISTERED PERIPHERALLY IN REGULATION OF OBESITY
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSER: Barnes & Thornburg
 STREET: 200 W. Madison, Suite 2601
 CITY: Chicago
 STATE: Illinois

COUNTRY: USA
 ZIP: 60606
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patient in Release #1.0, version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/961,405A
 FILING DATE: 30-OCT-1997
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 60/030,213
 FILING DATE: 05-NOV-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Martin, Alice O.
 REGISTRATION NUMBER: 15,601
 REFERENCE/DOCKET NUMBER: 3051/90264
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-257-1213
 TELEFAX: 312-759-5646
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 31 amino acids
 STRANDEDNESS:
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-961-405A-6

Query Match 100.0%; Score 133; DB 3; Length 31;
 Best Local Similarity 100.0%; Pred. No. 9.3e-14;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 FTSDVSSYLEGQAAKEFTIAMIVKGRG 26
 Db 6 FTSDVSSYLEGQAAKEFTIAMIVKGRG 31

Search completed: July 3, 2004, 00:28:47
 Job time : 13.4037 secs

RESULT 15
 US-08-915-918A-1
 ; Sequence 1, Application US/08915918A
 ; Patent No. 6277819
 ; GENERAL INFORMATION:
 ; APPLICANT: Efendic, Sعاد
 ; TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF
 ; TITLE OF INVENTION: MYOCARDIAL INFARCTION
 ; NUMBER OF SEQUENCES: 6
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: BRINKS, HOFER, GILSON & LIONE
 ; STREET: NBC Tower - Suite 3600, 455 N. Cityfront
 ; CITY: Chicago
 ; STATE: Illinois
 ; COUNTRY: USA
 ; ZIP: 60611-5599
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patient in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/915,918A
 ; FILING DATE: 21-AUG-1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Martin, Alice O.
 ; REGISTRATION NUMBER: 35,601
 ; REFERENCE/DOCKET NUMBER: 8792/28
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 312-321-4200
 ; TELEFAX: 312-321-4299
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - Protein search, using SW model

Run on: July 3, 2004, 00:26:08 ; Search time 37.6273 Seconds

(without alignments)
215.093 Million cell updates/sec

Title: US-09-943-084-2

Perfect score: 1.33

Sequence: 1 FTSDVSSYLEGQAAKMEFTIAWLVKRG 26

Scoring table: BLOSUM62

Gapop 10.0 ; Gapext 0.5

Searched: 1276540 seqs, 311283816 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing First 45 summaries

Database : Published Applications AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	1.33	100.0	29	9	US-09-851-738-5	Sequence 5, Appli
3	1.33	100.0	29	9	US-09-805-507-5	Sequence 5, Appli
4	1.33	100.0	29	9	US-09-859-804-5	Sequence 5, Appli
5	1.33	100.0	29	9	US-09-982-978-5	Sequence 5, Appli
6	1.33	100.0	29	9	US-09-953-021B-5	Sequence 5, Appli
7	1.33	100.0	29	14	US-10-091-558-5	Sequence 5, Appli
8	1.33	100.0	29	14	US-10-055-259-5	Sequence 5, Appli
9	1.33	100.0	29	15	US-10-22-339-5	Sequence 2, Appli
10	1.33	100.0	31	9	US-09-776-388-2	Sequence 3, Appli
11	1.33	100.0	31	9	US-09-851-738-3	Sequence 3, Appli
12	1.33	100.0	31	9	US-09-805-507-3	Sequence 3, Appli
13	1.33	100.0	31	9	US-09-959-804-3	Sequence 3, Appli
14	1.33	100.0	31	9	US-09-982-978-3	Sequence 3, Appli
15	1.33	100.0	31	9	US-09-953-021B-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-09-943-084-2
; Sequence 2, Application US-09943084
; Publication No US2003005023A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Yesook
; Lambert, William J.
; Qi, Hong
; Gelfand, Robert A.
; Geoghegan, Kieran P.
; Danley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, version #1.2.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US-09/943,084
; FILING DATE: 31-Aug-2001
; CLASIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US-08/181,655
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Shyka, Robert F.
; REGISTRATION NUMBER: 31,304
; REFERENCE DOCKET NUMBER: PC3391
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 573-1189

TELEFAX: (212) 573-1939
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 2:
 ERISTICS:
 LENGTH: 31 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 LIBRARY: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
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 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP ID: N/A
 UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-943-084-2

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 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 2
 US-09-851-738-5
 Sequence 5, Application US/09851738
 Patent No. US2002005460A1
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Ischemic and Reperfused Tissue
 FILE REFERENCE: P03660US1
 CURRENT APPLICATION NUMBER: US/09/851,738
 CURRENT FILING DATE: 2001-05-09
 PRIOR APPLICATION NUMBER: 09/302,596
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: mammalian

Query Match 100.0% Score 133; DB 9; Length 29;
 Best Local Similarity 100.0% Pred. No. 2.9e-13; Indels 0; Gaps 0;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 5
 US-09-982-978-5
 Sequence 5, Application US/09982978
 Patent No. US20030146405A1
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 FILE REFERENCE: 0891-87/0395
 CURRENT APPLICATION NUMBER: US/09/982,978
 CURRENT FILING DATE: 2001-10-22
 PRIOR APPLICATION NUMBER: 09/359,804

Query Match 100.0% Score 133; DB 9; Length 29;
 Best Local Similarity 100.0% Pred. No. 2.9e-13; Indels 0; Gaps 0;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 3
 US-09-805-507-5
 Sequence 5, Application US/09805507
 Patent No. US2002009815A1
 GENERAL INFORMATION:
 APPLICANT: Ehlers, Mario
 TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 FILE REFERENCE: 0891-87/0395
 CURRENT APPLICATION NUMBER: US/09/982,978
 CURRENT FILING DATE: 2001-10-22
 PRIOR APPLICATION NUMBER: 09/359,804

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; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 5
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: of GLP-1
US-09-982-978-5

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Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 FTSDVSSYLEGQAKEPIAFLVKGRG 26
Db      4 FTSDVSSYLEGQAKEPIAFLVKGRG 29

RESULT 8
US-10-055-259-5
; Sequence 5, Application US/10055259
; Publication No. US2003009150TA1
; GENERAL INFORMATION:
;   APPLICANT: Holst, Jens J.
;   VILLEBORG, Tina
;   TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND
;   TITLE OF INVENTION: PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
;   FILE REFERENCE: P03987US1
;   CURRENT APPLICATION NUMBER: US/10/055,259
;   CURRENT FILING DATE: 2002-06-21
;   NUMBER OF SEQ ID NOS: 13
;   SOFTWARE: PatentIn version 3.1
;   SEQ ID NO: 5
;   LENGTH: 29
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-055-259-5

Query Match      100.0%; Score 133; DB 14; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 FTSDVSSYLEGQAKEPIAFLVKGRG 26
Db      4 FTSDVSSYLEGQAKEPIAFLVKGRG 29

RESULT 9
US-10-322-839-5
; Sequence 5, Application US/10322839
; Publication No. US20040002454A1
; GENERAL INFORMATION:
;   APPLICANT: Coolidge, Thomas L.
;   VILLEBORG, Tina
;   TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Isch
;   TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
;   FILE REFERENCE: P03660US6
;   CURRENT APPLICATION NUMBER: US/09/953,021B
;   CURRENT FILING DATE: 2001-09-11
;   PRIOR APPLICATION NUMBER: US/09/953,021B
;   PRIOR FILING DATE: 1999-04-30
;   NUMBER OF SEQ ID NOS: 13
;   SOFTWARE: PatentIn Ver. 2.0
;   SEQ ID NO: 5
;   LENGTH: 29
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-953-021B-5

Query Match      100.0%; Score 133; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 FTSDVSSYLEGQAKEPIAFLVKGRG 26
Db      4 FTSDVSSYLEGQAKEPIAFLVKGRG 29

RESULT 7
US-10-091-258-5
; Sequence 5, Application US/10091258
; Publication No. US/030073626A1
; GENERAL INFORMATION:
;   APPLICANT: Hathaway, David R.
;   VILLEBORG, Tina
;   TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
;   FILE REFERENCE: RGN-2
;   CURRENT APPLICATION NUMBER: US/10/091,258
;   CURRENT FILING DATE: 2002-03-05
;   NUMBER OF SEQ ID NOS: 13
;   SOFTWARE: PatentIn version 3.1
;   SEQ ID NO: 5
;   LENGTH: 29
;   TYPE: PRT
;   ORGANISM: mammalian
US-10-091-258-5

Query Match      100.0%; Score 133; DB 15; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      4 FTSDVSSYLEGQAKEPIAFLVKGRG 29

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RESULT 10
US-09-876-388-2
; Sequence 2, Application US/09876388
; Patent No. US2004049153A1
GENERAL INFORMATION:
; APPLICANT: Bridon, Dominique P.
; APPLICANT: L'Archeveque, Benoit
; APPLICANT: Ezrin, Alan M.
; APPLICANT: Holmes, Darren L.
; APPLICANT: Lablanc, Anouk
; APPLICANT: St. Pierre, Serge
TITLE OF INVENTION: LONG LASTING INSULINOTROPIC PEPTIDES
FILE REFERENCE: 500862001610
CURRENT FILING DATE: 2001-09-24
PRIORITY APPLICATION NUMBER: US/09/876,388
PRIOR FILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: PCT/US00/13563
PRIOR FILING DATE: 2000-09-17
PRIOR APPLICATION NUMBER: 60/159,783
PRIOR FILING DATE: 1999-10-15
PRIOR APPLICATION NUMBER: 60/134,406
PRIOR FILING DATE: 1999-05-17
NUMBER OF SEQ ID NOS: 35
SEQ ID NO: 2
LENGTH: 31
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Peptide
US-09-876-388-2

Query Match 100.0%; Score 133; DB 9; Length 31;

Best Local Similarity 100.0%; Pred. No. 3.1e-13; Mismatches 0; Indels 0; Gaps 0;

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Db 6 FTSDVSSYLEGQAAKFIAVLVKGRG 31

RESULT 11
US-09-851-738-3
; Sequence 3, Application US/09851738
; Patent No. US2002005540A1
GENERAL INFORMATION:
; APPLICANT: Coolidge, Thomas R.
; APPLICANT: Ehlers, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
; LENGTH: 7
; TITLE OF INVENTION: Ischemic and Reperfused Tissue
FILE REFERENCE: P03660US1
CURRENT FILING DATE: 2001-05-09
PRIORITY APPLICATION NUMBER: 09/302,596
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 3
LENGTH: 31
TYPE: PRT
ORGANISM: mammalian
US-09-851-738-3

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Best Local Similarity 100.0%; Pred. No. 3.1e-13; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKFIAVLVKGRG 26
Db 6 FTSDVSSYLEGQAAKFIAVLVKGRG 31

RESULT 12
US-09-805-507-3
; Sequence 3, Application US/09805507
; Patent No. US2002009819A1
GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT FILING DATE: 2001-03-14
PRIORITY APPLICATION NUMBER: 09/859,804
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 3
LENGTH: 31
TYPE: PRT
ORGANISM: Unknown Organism
FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP
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; OTHER INFORMATION: Peptide
US-09-805-507-3

Query Match 100.0%; Score 133; DB 9; Length 31;
Best Local Similarity 100.0%; Pred. No. 3.1e-13; Mismatches 0; Indels 0; Gaps 0;

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Db 6 FTSDVSSYLEGQAAKFIAVLVKGRG 31

RESULT 13
US-09-859-804-3
; Sequence 3, Application US/09859804
; Patent No. US2002010206A1
GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; APPLICANT: EHLERS, MARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/859,804
CURRENT FILING DATE: 2001-05-18
PRIORITY APPLICATION NUMBER: 60/205,239
PRIOR FILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SEQ ID NO: 3
LENGTH: 31
TYPE: PRT
ORGANISM: Unknown Organism
FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP
; OTHER INFORMATION: Peptide
US-09-859-804-3

Query Match 100.0%; Score 133; DB 9; Length 31;
Best Local Similarity 100.0%; Pred. No. 3.1e-13; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKFIAVLVKGRG 26
Db 6 FTSDVSSYLEGQAAKFIAVLVKGRG 31

APPLICANT: EHLERS, MARIO
 TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 FILE REFERENCE: 08187/0395
 CURRENT APPLICATION NUMBER: US/09/982,978
 CURRENT FILING DATE: 2001-10-22
 PRIOR APPLICATION NUMBER: 09/859,704
 PRIOR FILING DATE: 2001-05-18
 PRIOR APPLICATION NUMBER: 60/205,239
 PRIOR FILING DATE: 2000-05-19
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 3
 LENGTH: 31
 TYPE: PRT
 ORGANISM: Unknown Organism

FEATURE: OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP
 OTHER INFORMATION: Peptide
 US-09-982-978-3

Query Match 100.0%; Score 133; DB 9; Length 31;
 Best Local Similarity 100.0%; Pred. No. 3.1e-13;
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RESULT 15

US-09-953-091B-3
 Sequence 3, Application US/09153021B
 Patent No. US20020147131A1
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas L.
 APPLICANT: Ehlers, Mario R. W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Ischemic Tissue
 FILE REFERENCE: P013660056
 CURRENT APPLICATION NUMBER: US/09/953,021B
 CURRENT FILING DATE: 2001-09-11
 PRIOR APPLICATION NUMBER: 09/302,596
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 3
 LENGTH: 31
 TYPE: PRT
 ORGANISM: HOMO sapiens
 US-09-953-091B-3

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 Job time : 37.6273 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

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Run on: July 3, 2004, 00:22:02 ; Search time 166.658 Seconds
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152.272 Million cell updates/sec

Title: US-09-943-084-2

Perfect score: 133

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ALIGNMENTS

RESULT 1

US-09-943-084-2

Sequence 2, Application US/09943084

GENERAL INFORMATION:

APPLICANT: Kim, Yesook

Lambert, William J.

Qi, Hong

Gelfand, Robert A.

Geoghegan, Kieran F.

Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEER: Pfizer Inc

STREET: 235 East 42nd Street, 20th Floor

CITY: New York

STATE: U.S.A.

ZIP: 10017-5755

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID Description -----

SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 31-AUG-2001
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Shevka, Robert P.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEFAX: (212)573-1939
 TELEX: N/A

INFORMATION FOR SEQ ID NO: 2:

LENGTH: 31 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A

STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A

IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A

POSITION IN GENOME:
 CHROMOCOME SEGMENT: N/A
 MAP POSITION: N/A

UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-943-084-2

Query Match Score 133; DB 24; Length 26;
 Best Local Similarity 100.0%; Pred. No. 8.4e-13
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLYVKRG 26
 Db 1 FTSDVSSYLEGQAAKEFIAMLYVKRG 26

RESULT 2
 PCT-US02-13088-5
 ; Sequence 5, Application PC/TUS0213088
 ; GENERAL INFORMATION:
 ; APPLICANT: Restorgen, Inc.
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
 ; TITLE OF INVENTION: RESISTANCE
 ; FILE REFERENCE: RGN_3
 ; CURRENT APPLICATION NUMBER: PCT/US02/13088
 ; CURRENT FILING DATE: 2002-04-24
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO: 5
 ; LENGTH: 29
 ; TYPE: PRT
 ; ORGANISM: mammalian

Query Match Score 133; DB 21; Length 29;
 Best Local Similarity 100.0%; Pred. No. 9.5e-13
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIAMLYVKRG 26
 Db 4 FTSDVSSYLEGQAAKEFIAMLYVKRG 29

RESULT 5
 US-09-851-738-5
 ; Sequence 5, Application US/09851738
 ; GENERAL INFORMATION:

APPLICANT: Coolidge, Thomas R.
 APPLICANT: Ehlers, Mario R.W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Acute Coronary Syndrome with GLP-1 to Improve the Function of Tissue
 FILE REFERENCE: P03660US1
 CURRENT APPLICATION NUMBER: US/09/851,738
 CURRENT FILING DATE: 2001-05-09
 PRIOR APPLICATION NUMBER: 09/302,596
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: mammalian
 US-09-851-738-5

RESULT 6
 Query Match 100.0%; Score 133; DB 23; Length 29;
 Best Local Similarity 100.0%; Pred. No. 9..5e-13; Mismatches 0; Indels 0; Gaps 0;
 Matches 26; Conservative 0; Mismatches 0;

Qy 1 FTSDVSSYLEGQAKEPIAFLVKGRG 26
 Db 4 FTSDVSSYLEGQAKEPIAFLVKGRG 29

RESULT 6
 Sequence 5, Application US/09953021B
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas L.
 APPLICANT: Ehlers, Mario R.W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Acute Coronary Syndrome with GLP-1 to Improve the Function of Tissue
 FILE REFERENCE: P03660US6
 CURRENT APPLICATION NUMBER: US/09/951,021B
 CURRENT FILING DATE: 2001-09-11
 PRIOR APPLICATION NUMBER: 09/302,596
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-951-021B-5

Query Match 100.0%; Score 133; DB 25; Length 29;
 Best Local Similarity 100.0%; Pred. No. 9..5e-13; Mismatches 0; Indels 0; Gaps 0;
 Matches 26; Conservative 0; Mismatches 0;

Qy 1 FTSDVSSYLEGQAKEPIAFLVKGRG 26
 Db 4 FTSDVSSYLEGQAKEPIAFLVKGRG 29

RESULT 9
 Sequence 5, Application US/09982978
 GENERAL INFORMATION:
 APPLICANT: COOLIDGE, THOMAS R.
 APPLICANT: EHLERS, MARIO R.
 TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 FILE REFERENCE: 0891870395
 CURRENT APPLICATION NUMBER: US/09/859,804
 CURRENT FILING DATE: 2001-05-18
 PRIOR APPLICATION NUMBER: 60/205,239
 PRIOR FILING DATE: 2000-05-19
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form
 OTHER INFORMATION: Description of GLP-1
 US-09-859-804-5

Query Match 100.0%; Score 133; DB 23; Length 29;
 Best Local Similarity 100.0%; Pred. No. 9..5e-13; Mismatches 0; Indels 0; Gaps 0;
 Matches 26; Conservative 0; Mismatches 0;

Qy 1 FTSDVSSYLEGQAKEPIAFLVKGRG 26
 Db 4 FTSDVSSYLEGQAKEPIAFLVKGRG 29

RESULT 7
 Sequence 5, Application US/09953021
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 APPLICANT: Ehlers, Mario R.W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Acute Coronary Syndrome with GLP-1 to Improve the Function of Tissue
 FILE REFERENCE: P03660US1
 CURRENT APPLICATION NUMBER: US/09/953,021
 CURRENT FILING DATE: 2001-09-11
 PRIOR APPLICATION NUMBER: 09/302,596
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13

Query Match 100.0%; Score 133; DB 25; Length 29;
 Best Local Similarity 100.0%; Pred. No. 9..5e-13;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO 5; Application US/10055259
 GENERAL INFORMATION:
 APPLICANT: Hoist, Jens J.
 TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND THE
 TITLE OF INVENTION: PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
 FILE REFERENCE: P03987US1
 CURRENT APPLICATION NUMBER: US/10/055,259
 CURRENT FILING DATE: 2002-06-21
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-055-259-5

Query Match 100.0%; Score 133; DB 26; Length 29;
 Best Local Similarity 100.0%; Pred. No. 9.5e-13;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO 4; Application US/10055259
 GENERAL INFORMATION:
 APPLICANT: Vilsholl, Tina
 TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND THE
 TITLE OF INVENTION: PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
 FILE REFERENCE: P03987US1
 CURRENT APPLICATION NUMBER: US/10/055,259
 CURRENT FILING DATE: 2002-06-21
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-055-259-5

Query Match 100.0%; Score 133; DB 26; Length 29;
 Best Local Similarity 100.0%; Pred. No. 9.5e-13;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO 4; Application US/10055259
 GENERAL INFORMATION:
 APPLICANT: Vilsholl, Tina
 TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND THE
 TITLE OF INVENTION: PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
 FILE REFERENCE: P03987US1
 CURRENT APPLICATION NUMBER: US/10/055,259
 CURRENT FILING DATE: 2002-06-21
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-055-259-5

RESULT 13
 US-09-206-833-78
 Sequence 78, Application US/09206833A
 GENERAL INFORMATION:
 APPLICANT: Dong, Zheng XIN
 TITLE OF INVENTION: GLP-1 ANALOGUES
 FILE REFERENCE: G0137/167001
 CURRENT APPLICATION NUMBER: US/09/206,833A
 CURRENT FILING DATE: 1998-12-07
 NUMBER OF SEQ ID NOS: 165
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 78
 LENGTH: 30
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Mutagen
 APPLICANT: Coolidge, Thomas R
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
 FILE REFERENCE: RGN-2
 CURRENT APPLICATION NUMBER: US/10/091,258
 CURRENT FILING DATE: 2002-03-05
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: mammalian
 US-10-091-258-5

Query Match 100.0%; Score 133; DB 26; Length 29;
 Best Local Similarity 100.0%; Pred. No. 9.5e-13;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO 4; Application US/10091258
 GENERAL INFORMATION:
 APPLICANT: Rathaway, David R
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
 FILE REFERENCE: RGN-2
 CURRENT APPLICATION NUMBER: US/10/091,258
 CURRENT FILING DATE: 2002-03-05
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: mammalian
 US-10-091-258-5

RESULT 14
 PCT-US01-43165-1
 Sequence 1, Application PCT/US0143165
 GENERAL INFORMATION:
 APPLICANT: Eli Lilly and Company
 TITLE OF INVENTION: GLP-1 FUSION PROTEINS
 FILE REFERENCE: X-13991
 CURRENT FILING DATE: 2002-10-10
 PRIORITY APPLICATION NUMBER: US 60/251,954
 PRIORITY FILING DATE: 2000-06-12
 NUMBER OF SEQ ID NOS: 35
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 1
 LENGTH: 31
 TYPE: PRT
 ORGANISM: Homo sapiens

RESULT 12
 US-10-322-839-5
 Sequence 5, Application US/10322839
 GENERAL INFORMATION:
 APPLICANT: Coolige, Thomas R.
 APPLICANT: Ehlers, Mario
 APPLICANT: Ehlers, Mario
 TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 FILE REFERENCE: P05671US2
 CURRENT APPLICATION NUMBER: US/10/322,839
 CURRENT FILING DATE: 2002-12-18

PCT-US01-43165-1

Query Match 100.0%; Score 133; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 1e-12; Mismatches 0; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 6 FTSDVSSYLEGQAAKEFIAWLVKGRG 31

RESULT 15

PCT-US02-07011-19

Sequence 19, Application PC/TUS0207011

GENERAL INFORMATION

APPLICANT: Lexigen Pharmaceuticals Corp.

APPLICANT: Gillies, Stephen

APPLICANT: Way, Jeffrey

TITLE OF INVENTION: Expression Technology for Proteins Containing a Hybrid Isotype An-

TITLE OF INVENTION: Molety

FILE REFERENCE: LEX-016PC

CURRENT APPLICATION NUMBER: PCT/US02/07011

CURRENT FILING DATE: 2002-05-07

PRIOR APPLICATION NUMBER: US 60/274,096

PRIOR FILING DATE: 2001-03-07

NUMBER OF SEQ ID NOS: 50

SOFTWARE: PatentIn version 3.0

SEQ ID NO: 19

LENGTH: 31

TYPE: PRT

ORGANISM: artificial sequence

FEATURE: 1

OTHER INFORMATION: glucagon-like Peptide 1

PCT-US02-07011-19

Query Match 100.0%; Score 133; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 1e-12; Mismatches 0; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 6 FTSDVSSYLEGQAAKEFIAWLVKGRG 31

Search completed. July 3, 2004, 00:46:13

Job time : 166.658 secs

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OW protein - protein search, using sw model

Run on: July 3, 2004, 00:25:27 ; Search time 12.2733 Seconds
[without alignments]

105.442 Million cell updates/sec

Title: US-09-943-084-2

Perfect score: 133

Sequence: 1 PTSDVSYLEGQAAXEFLAWVKRG 26

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 327902 seqs, 49773865 residues

Total number of hits satisfying chosen parameters: 327902

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Pending Patents AA_New:*

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2: /cgn2_6_ptodata/2/paa/US07 NEW COMB_pep:*

3: /cgn2_6_ptodata/2/paa/US08 NEW COMB_pep:*

4: /cgn2_6_ptodata/2/paa/US09 NEW COMB_pep:*

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6: /cgn2_6_ptodata/2/paa/US60 NEW COMB_pep:*

7: /cgn2_6_ptodata/2/paa/US65 NEW COMB_pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	133	100.0	31	1 PCT-US04-04421-776	Sequence 776, App
2	133	100.0	31	1 PCT-US04-06082-1	Sequence 1, App
3	133	100.0	31	5 US-09-166-13	Sequence 13, App
4	133	100.0	31	6 US-10-48-619-3	Sequence 3, App
5	133	100.0	31	6 US-10-29-226-123	Sequence 123, App
6	133	100.0	31	6 US-10-29-126A-124	Sequence 124, App
7	133	100.0	31	6 US-10-72-099A-2	Sequence 2, App
8	133	100.0	31	6 US-10-72-733-2	Sequence 2, App
9	133	100.0	31	6 US-10-71-326-21	Sequence 21, App
10	133	100.0	31	6 US-10-71-326-22	Sequence 22, App
11	133	100.0	31	6 US-10-71-326-26	Sequence 26, App
12	133	100.0	31	6 US-10-71-326-27	Sequence 27, App
13	133	100.0	31	6 US-10-81-646-1	Sequence 1, App
14	133	100.0	31	6 US-10-71-976-21	Sequence 21, App
15	133	100.0	31	6 US-10-71-976-22	Sequence 22, App
16	133	100.0	31	6 US-10-71-976-26	Sequence 26, App
17	133	100.0	31	6 US-10-71-976-27	Sequence 27, App
18	133	100.0	31	7 US-10-54-567-64	Sequence 64, App
19	133	100.0	32	1 PCT-US04-04421-777	Sequence 777, App
20	133	100.0	32	1 PCT-US04-06462-88	Sequence 88, App
21	133	100.0	32	6 US-10-29-226A-147	Sequence 147, App
22	133	100.0	32	6 US-10-71-326-33	Sequence 33, App
23	133	100.0	32	6 US-10-71-976-33	Sequence 33, App
24	133	100.0	35	6 US-10-71-326-32	Sequence 32, App
25	133	100.0	35	6 US-10-71-976-32	Sequence 32, App
26	133	100.0	36	6 US-10-71-326-31	Sequence 31, App

ALIGNMENTS

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RESULT 1
PCT-US04-04421-776
; Sequence 776, Application PC/TUS0404421
; GENERAL INFORMATION
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-GLP-1
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 776
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Illustrative hGLP-1 {7-37}
; FEATURE:
; OTHER INFORMATION: c-term may or may not be amidated
PCT-US04-04421-776
; Query Match 100.0%; Score 133; DB 1; Length 31;
; Best Local Similarity 100.0%; Pred. No. 2.e-13;
; Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 FTSDVSYLEGQAAXEFLAWVKRG 26
Db 6 FTSDVSYLEGQAAXEFLAWVKRG 31

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RESULT 2
PCT-US04-06082-1
; Sequence 1, Application PC/TUS0406082
; GENERAL INFORMATION
; APPLICANT: Eli Lilly and Company
; TITLE OF INVENTION: Polyethylene Glycol Linked GLP-1 Compounds
; FILE REFERENCE: X-16020
; CURRENT APPLICATION NUMBER: PCT/US04/06082
; CURRENT FILING DATE: 2004-03-23
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 1
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens

PCT-US04-06082-1

Query Match 100.0%; Score 133; DB 1; Length 31;

Best Local Similarity 100.0%; Pred. No. 2.2e-13; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 3

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 3

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-09-716-166-13

SEQUENCE 13, Application US/09716166

GENERAL INFORMATION:

APPLICANT: Concino, Michael F.

APPLICANT: Treco, Douglas A.

TITLE OF INVENTION: NUCLEAR ACID CONSTRUCT FOR OPTIMIZED

TITLE OF INVENTION: PRODUCTION OF PRODUCTS

CURRENT APPLICATION NUMBER: US/09/716,166

CURRENT FILING DATE: 2000-11-17

PRIORITY NUMBER: US 60/166,508

PRIORITY FILING DATE: 1999-11-19

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Pastuso For Windows Version 4.0

SEQ ID NO: 13

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-09-716-166-13

Query Match 100.0%; Score 133; DB 5; Length 31;

Best Local Similarity 100.0%; Pred. No. 2.2e-07; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 1

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 1

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

SEQUENCE 3, Application US/10485619

GENERAL INFORMATION:

APPLICANT: Eli Lilly & Company

TITLE OF INVENTION: Glucagon-Like Peptide-1 Analogs

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 3

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

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Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 1

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FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 1

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

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Best Local Similarity 100.0%; Pred. No. 2.2e-13; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 6

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 6

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

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Best Local Similarity 100.0%; Pred. No. 2.2e-13; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 1

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 6

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

Query Match 100.0%; Score 133; DB 6; Length 31;

Best Local Similarity 100.0%; Pred. No. 2.2e-13; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 1

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 6

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

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SEQ ID NO: 1

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 6

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

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Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 1

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 6

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

Query Match 100.0%; Score 133; DB 6; Length 31;

Best Local Similarity 100.0%; Pred. No. 2.2e-13; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 1

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 6

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

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Best Local Similarity 100.0%; Pred. No. 2.2e-13; Indels 0; Gaps 0;

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SEQ ID NO: 1

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FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 6

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

Query Match 100.0%; Score 133; DB 6; Length 31;

Best Local Similarity 100.0%; Pred. No. 2.2e-13; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 1

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 6

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

Query Match 100.0%; Score 133; DB 6; Length 31;

Best Local Similarity 100.0%; Pred. No. 2.2e-13; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 1

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 6

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

Query Match 100.0%; Score 133; DB 6; Length 31;

Best Local Similarity 100.0%; Pred. No. 2.2e-13; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 1

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/485,619

CURRENT FILING DATE: 2004-01-29

PRIORITY NUMBER: 60/314,573

PRIORITY FILING DATE: 2001-08-23

NUMBER OF SEQ ID NOS: 3

SOFTWARE: PatentIn Version 3.1

SEQ ID NO: 6

LENGTH: 31

TYPE: PRT

ORGANISM: Homo sapiens

US-10-485-619-3

Query Match 100.0%; Score 133; DB 6; Length 31;

Best Local Similarity 100.0%; Pred. No. 2.2e-13; Indels 0; Gaps 0;

Matches 26; Conservative 0; Mismatches 0;

SEQ ID NO: 1

PRIORITY NUMBER: US 60/143,591

FILE REFERENCE: X-15045

CURRENT APPLICATION NUMBER: US/10/723,099A
 CURRENT FILING DATE: 2003-11-25
 PRIOR APPLICATION NUMBER: 09/657,332
 PRIOR FILING DATE: 2000-09-07
 PRIOR APPLICATION NUMBER: 60/159,783
 PRIOR FILING DATE: 1999-10-15
 PRIOR APPLICATION NUMBER: 60/134,406
 PRIOR FILING DATE: 1999-05-17
 NUMBER OF SEQ ID NOS: 35
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 2
 LENGTH: 31
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 US-10-723-099A-2

Query Match 100.0%; Score 133; DB 6; Length 31;
 Best Local Similarity 100.0%; Pred. No. 2.2e-13;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKKEPFTAWLVKGRG 26
 Db 6 FTSDVSSYLEGQAKKEPFTAWLVKGRG 31

RESULT 8
 Sequence 2, Application US/10722733
 GENERAL INFORMATION:
 APPLICANT: Bridon, Dominique P.
 APPLICANT: L'Archeveque, Benoit
 APPLICANT: Ezrin, Alan M.
 APPLICANT: Holmes, Darren L.
 APPLICANT: Leblanc, Anouk
 APPLICANT: St. Pierre, Serge
 TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
 FILE REFERENCE: 500B62001611
 CURRENT APPLICATION NUMBER: US/10/722,733
 CURRENT FILING DATE: 2003-11-25
 PRIOR APPLICATION NUMBER: US/10/268,340
 PRIOR FILING DATE: 2002-11-04
 PRIOR APPLICATION NUMBER: 09/657,332
 PRIOR FILING DATE: 1999-09-07
 PRIOR APPLICATION NUMBER: 60/159,783
 PRIOR FILING DATE: 1999-10-15
 NUMBER OF SEQ ID NOS: 35
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 2
 LENGTH: 31
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 US-10-722-733-2

Query Match 100.0%; Score 133; DB 6; Length 31;
 Best Local Similarity 100.0%; Pred. No. 2.2e-13;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKKEPFTAWLVKGRG 26
 Db 6 FTSDVSSYLEGQAKKEPFTAWLVKGRG 31

RESULT 9
 US-10-716-326-21
 Sequence 21, Application US/10716326
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation

CURRENT APPLICATION NUMBER: US/10/716,326
 CURRENT FILING DATE: 2003-11-17
 PRIOR APPLICATION NUMBER: US 10/215,272
 PRIOR FILING DATE: 2002-08-07
 PRIOR APPLICATION NUMBER: US 60/310,982
 PRIOR FILING DATE: 2001-08-08
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 21
 LENGTH: 31
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Gly-P-GIP-1 molecule; Gly8-GIP-1 (7-37)
 US-10-716-326-21

Query Match 100.0%; Score 133; DB 6; Length 31;
 Best Local Similarity 100.0%; Pred. No. 2.2e-13;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKKEPFTAWLVKGRG 26
 Db 6 FTSDVSSYLEGQAKKEPFTAWLVKGRG 31

RESULT 11
 US-10-716-326-26
 Sequence 26, Application US/10716326
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation

CURRENT APPLICATION NUMBER: US/10/716,326
 CURRENT FILING DATE: 2003-11-17
 PRIOR APPLICATION NUMBER: US 10/215,272
 PRIOR FILING DATE: 2002-08-07
 PRIOR APPLICATION NUMBER: US 60/310,982
 PRIOR FILING DATE: 2001-08-08
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 22
 LENGTH: 31
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; Gly8-GLP-1 (7-37)
 US-10-716-326-22

Query Match 100.0%; Score 133; DB 6; Length 31;
 Best Local Similarity 100.0%; Pred. No. 2.2e-13;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKKEPFTAWLVKGRG 26
 Db 6 FTSDVSSYLEGQAKKEPFTAWLVKGRG 31

APPLICANT: Armentano, Donna
 ; APPLICANT: Gregory, Richard J.
 ; APPLICANT: Parsons, Geoffrey

FILE REFERENCE: 5062CIP

TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders

CURRENT APPLICATION NUMBER: US/10/716,326

PRIOR APPLICATION NUMBER: US 10/716,326

PRIOR FILING DATE: 2003-11-17

PRIOR APPLICATION NUMBER: US 10/215,272

PRIOR FILING DATE: 2002-08-07

PRIOR APPLICATION NUMBER: US 60/310,982

NUMBER OF SEQ ID NOS: 54

SOFTWARE: PatentIn version 3.2

SEQ ID NO: 26

LENGTH: 31

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: Modified GLP-1 molecule; Val8-GLP-1 (7-37)

US-10-716-326-26

Query Match 100.0%; Score 133; DB 6; Length 31;
 Best Local Similarity 100.0%; Pred. No. 2.2e-13;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 14
 US-10-715-976-21

Sequence 21, Application US/10715976

GENERAL INFORMATION:

APPLICANT: Genzyme Corporation

ORGANISM: Artificial Sequence

FEATURE: Modified GLP-1 molecule; Val8-GLP-1 (7-37)

US-10-715-976-21

Query Match 100.0%; Score 133; DB 6; Length 31;
 Best Local Similarity 100.0%; Pred. No. 2.2e-13;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 15
 US-10-715-976-22

Sequence 22, Application US/10715976

GENERAL INFORMATION:

APPLICANT: Genzyme Corporation

ORGANISM: Artificial Sequence

FEATURE: Modified GLP-1 molecule; Val8-GLP-1 (7-37)

US-10-715-976-22

Query Match 100.0%; Score 133; DB 6; Length 31;
 Best Local Similarity 100.0%; Pred. No. 2.2e-13;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 13
 US-10-811-646-1

Sequence 1, Application US/10811646

GENERAL INFORMATION:

APPLICANT: Efenic, Suad

TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF MYOCARDIAL INFARCTION

FILE REFERENCE: X-10822A

: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Modified GLP-1 molecule; Glyc-GLP-1 (7-37)
US-10-715-976-22

Query Match 100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Prod. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAWLVGRG 26
Db 6 FTSDVSSYLEGQAKEFIAWLVGRG 31

Search completed: July 3, 2004, 00:47:42
Job time : 12.2733 secs

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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:21:27 ; Search time 13.4037 Seconds

(without alignments)
100.142 Million cell updates/sec

Title: US-09-943-084-3

Perfect score: 128

Sequence: 1 ?FISDVSSYLEQAAKEFIAFLVYKGR 26

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-Processing: Minimum Match 100%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*

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4: /ogn2_6/ptodata/2/iaa/6B-COMB.pep:
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6: /ogn2_6/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the total score distribution and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	127	99.2	28	1 US-09-297-711-9	Sequence 9, Appli
2	127	99.2	28	3 US-09-302-596-6	Sequence 6, Appli
3	127	99.2	28	4 US-09-334-415-6	Sequence 6, Appli
4	127	99.2	28	4 US-09-303-016-6	Sequence 6, Appli
5	127	99.2	28	4 US-09-314-847-125	Sequence 125, Appli
6	127	99.2	28	4 US-09-805-507-6	Sequence 9, Appli
7	127	99.2	28	5 PCT-US91-10793-9	Sequence 9, Appli
8	127	99.2	29	1 US-08-297-711-10	Sequence 10, Appli
9	127	99.2	29	1 US-08-297-731-11	Sequence 11, Appli
10	127	99.2	29	3 US-09-302-596-5	Sequence 5, Appli
11	127	99.2	29	4 US-09-334-415-5	Sequence 5, Appli
12	127	99.2	29	4 US-09-303-016-5	Sequence 5, Appli
13	127	99.2	29	4 US-09-305-507-5	Sequence 5, Appli
14	127	99.2	29	5 PCT-US91-10793-10	Sequence 10, Appli
15	127	99.2	29	5 PCT-US91-10793-11	Sequence 11, Appli
16	127	99.2	30	1 US-08-066-480-6	Sequence 6, Appli
17	127	99.2	30	1 US-08-095-162-1	Sequence 1, Appli
18	127	99.2	30	1 US-08-297-731-12	Sequence 12, Appli
19	127	99.2	30	1 US-08-470-220A-1	Sequence 1, Appli
20	127	99.2	30	2 US-08-307-227-1	Sequence 1, Appli
21	127	99.2	30	3 US-08-307-374-1	Sequence 1, Appli
22	127	99.2	30	3 US-09-348-136-1	Sequence 1, Appli
23	127	99.2	30	3 US-08-361-405A-5	Sequence 5, Appli
24	127	99.2	30	3 US-08-315-918A-5	Sequence 4, Appli
25	127	99.2	30	3 US-09-302-596-4	Sequence 3, Appli
26	127	99.2	30	3 US-08-372-319-3	Sequence 4, Appli
27	127	99.2	30	4 US-09-333-415-4	Sequence 4, Appli

ALIGNMENTS

RESULT 1

US-08-297-731-9

; Sequence 9, Application US/08297731

; Patent No. 5574008

; GENERAL INFORMATION:

; APPLICANT: Yokubu-Madus, Fatima F.

; TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF

; NUMBER OF SEQUENCES: 13

; CORRESPONDENCE ADDRESS:

; ADDRESS: Eli Lilly and Company/RSM

; STREET: Lilly Corporate Center

; CITY: Indianapolis

; STATE: IN USA

; ZIP: 46285

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC DOS/MS-DOS

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/297,731

; FILING DATE: 11-07-2001

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: Maciak, Ronald S.

; REGISTRATION NUMBER: 35,262

; REFERENCE/DOCKET NUMBER: X9630

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 317-276-1664

; TELEFAX: 317-277-1917

; INFORMATION FOR SEQ ID NO.: 9:

; SEQID CHARACTERISTICS:

; LENGTH: 28 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: Peptide

; FEATURE:

; NAME/KEY: Modified-site

; LENGTH: 28 amino acids

; OTHER INFORMATION: /note= "C-terminal amide"

; US-08-297-731-9

Query Match 99.2%; Score 127; DB 1; Length 28;

Best Local Similarity 100.0%; Pred. No. 5.6e-13;

Mismatches 0; Conservative 0; Indels 0; Gaps 0;

Query 2 FTSDVSSYLEGQAAKEFIAFLVKGR 26
 Db 4 FTSDVSSYLEGQAAKEFIAFLVKGR 28

RESULT 2
 US-09-302-596-6
 Sequence 6, Application US/09302596
 Db Sequence No. 6284725
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 EHlers, Mario R.W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of the Ischemic and Reperfused Brain
 FILE REFERENCE: P03660US1
 CURRENT APPLICATION NUMBER: US/09/302,596
 CURRENT FILING DATE: 1999-04-19
 PRIOR APPLICATION NUMBER: 60/103,498
 PRIOR FILING DATE: 1998-10-08
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: mammalian
 US-09-302-596-6

Query Match 99.2%; Score 127; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 5.6e-13;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 2 FTSDVSSYLEGQAAKEFIAFLVKGR 26
 Db 4 FTSDVSSYLEGQAAKEFIAFLVKGR 28

RESULT 3
 US-09-333-415-6
 Sequence 6, Application US/09333415
 Db Sequence No. 6344180
 GENERAL INFORMATION:
 APPLICANT: Holst, Jens J.
 Vilisboe, Tina
 TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Celi
 TITLE OF INVENTION: Function and the Presence of the Condition of IGT and Type-II Diabetes
 FILE REFERENCE: P033870SU
 CURRENT APPLICATION NUMBER: US/09/333,415
 CURRENT FILING DATE: 1999-06-15
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-333-415-6

Query Match 99.2%; Score 127; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 5.6e-13;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 2 FTSDVSSYLEGQAAKEFIAFLVKGR 26
 Db 4 FTSDVSSYLEGQAAKEFIAFLVKGR 28

RESULT 4
 US-09-303-016-6
 Sequence 6, Application US/09303016
 Db Patient No. 6429197
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 EHlers, Mario R.W.

SEQ ID NO: 6
 LENGTH: 28
 TYPE: PER
 FEATURE: Unknown Organism
 OTHER INFORMATION: Description of Unknown Organism: Truncated form
 OTHER INFORMATION: of GLP-1
 US-09-805-507-6

Query Match Best Local Similarity 100.0%; Score 127; DB 4; Length 28;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 FTSDVSSYLEGQAAKEFIAWLYKGR 26
 Db 4 FTSDVSSYLEGQAAKEFIAWLYKGR 28

RESULT 7
 PCT-US95-10793-9
 Sequence 9, Application PC/TU9510793
 GENERAL INFORMATION:
 APPLICANT: Johnson, William T.
 ATTORNEY/AGENT INFORMATION:
 TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
 GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
 NUMBER OF SEQUENCES: 13
 CURRENT APPLICATION DATA:
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Eli Lilly and Company/RSM
 STREET: Lilly Corporate Center
 CITY: Indianapolis
 STATE: IN
 COUNTRY: USA
 ZIP: 46285

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/297,731
 FILING DATE:
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Maciak, Ronald S.
 REGISTRATION NUMBER: 35,262
 REFERENCE/DOCKET NUMBER: X9630
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 317-276-1664
 TELEFAX: 317-277-1917
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 29 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide

US-08/297-731-10

Query Match Best Local Similarity 100.0%; Score 127; DB 1; Length 29;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 2 FTSDVSSYLEGQAAKEFIAWLYKGR 26
 Db 4 FTSDVSSYLEGQAAKEFIAWLYKGR 28

RESULT 9
 US-08/297-731-11
 Sequence 11, Application US/08297731
 GENERAL INFORMATION:
 APPLICANT: Johnson, William T.
 ATTORNEY/AGENT INFORMATION:
 TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
 GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
 NUMBER OF SEQUENCES: 13
 CURRENT APPLICATION DATA:
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Eli Lilly and Company/RSM
 STREET: Lilly Corporate Center
 CITY: Indianapolis
 STATE: IN
 COUNTRY: USA
 ZIP: 46285

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/297,731
 FILING DATE: 08/08/2003
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Maciaik, Ronald S.
 REGISTRATION NUMBER: 35,262
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 317-276-1664
 TELEX/FAX: 317-277-1917
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 29 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 FEATURE:
 NAME/KEY: Modified-site
 LOCATION: 28..29
 OTHER INFORMATION: /note= "C-terminal amide"
 US-08-297-731-11

Query Match 99.2%; Score 127; DB 1; Length 29;
 Best Local Similarity 100.0%; Pred. No. 5.8e-13;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAKEFIAWLVKGR 26
 Db 5 FTSDVSSYLEGQAKEFIAWLVKGR 29

RESULT 10
 US-08-302-596-5
 Sequence 5, Application US/09302596
 Patent No. 6284725
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Tissue
 TITLE OF INVENTION: Ischemic and Reperfused Tissue
 FILE REFERENCE: P03660US1
 CURRENT APPLICATION NUMBER: US/09/302,596
 PRIOR APPLICATION NUMBER: 60/103,498
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: mammalian
 US-09-302-596-5

Query Match 99.2%; Score 127; DB 3; Length 29;
 Best Local Similarity 100.0%; Pred. No. 5.8e-13;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAKEFIAWLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAWLVKGR 28

RESULT 11
 US-09-303-016-5
 Sequence 5, Application US/09303016
 Patent No. 6429197
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 INVENTION: Metabolic Intervention with GLP-1 or its Biologically Active Analogs to Improve the Function of the Ischemic and Reperfused Brain
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically Active Analogs to Improve the Function of the Ischemic and Reperfused Brain
 FILE REFERENCE: P03660US2
 CURRENT APPLICATION NUMBER: US/09/303,016
 CURRENT FILING DATE: 1999-04-30
 PRIORITY: 1998-10-08
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-303-016-5

Query Match 99.2%; Score 127; DB 4; Length 29;
 Best Local Similarity 100.0%; Pred. No. 5.8e-13;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAKEFIAWLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAWLVKGR 28

RESULT 13
 US-09-805-507-5
 Sequence 5, Application US/09805507
 Patent No. 6579851
 GENERAL INFORMATION:
 APPLICANT: Ehlers, Mario
 INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 TITLE OF INVENTION: Treatment of Acute Coronary Syndrome with GLP-1
 FILE REFERENCE: 089187/0395
 CURRENT APPLICATION NUMBER: US/09/805,507
 CURRENT FILING DATE: 2001-03-14
 PRIORITY: 2001-03-14
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form

RESULT 11
 US-09-333-415-5
 Sequence 5, Application US/09333415
 Patent No. 6344180
 GENERAL INFORMATION:
 APPLICANT: Holst, Jens J.
 INVENTION: Vilsocial, Tina
 TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell Function and the Presence of the Condition of GT and Type-II Diabetes
 TITLE OF INVENTION:

OTHER INFORMATION: of GLP-1
US-09-805-507-5

Query Match 99.2%; Score 127; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 5.8e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Filing Date: PCT-US95-10793-10

RESULT 14
PCT-US95-10793-10
Sequence 1.0 Application PC/TUS9510793
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10793
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-1664
TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
NAME/KEY: Modified-site
LOCATION: 28 - 29
OTHER INFORMATION: /note= "C-terminal amide"
PCT-US95-10793-11

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Best Local Similarity 100.0%; Pred. No. 5.8e-13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Filing Date: PCT-US95-10793-11

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Db 5 FTSDVSSYLEGQAAKEFIAFLVKGR 29

Search completed: July 3, 2004, 00:28:48
Job time : 14.4037 secs

RESULT 15
PCT-US95-10793-11
Sequence 1.1 Application PC/TUS9510793
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company/RSM

Copyright (C) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw mode:

Run on: July 3, 2004, 00:26:08 ; Search time 37.6273 Seconds

(without alignments)

215,093 Million cell updates/sec

Title: US-09-943-084-3

Perfect score: 128

Sequence: 1 ?FMSDVSSYLEGQAAKERFIAMLYKGR 26

Scoring table: BLOSUM62

GapOp 10.0 , Gapext 0.5

Searched: 1276540 seqs, 311283816 residues

Total number of hits satisfying chosen parameters: 1276544

Minimum DB seq length: 0

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Post-processing: Maximum Match 0%

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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	127	99.2	26	10 US-09-943-084-3	Sequence 6, Appli
3	127	99.2	28	9 US-09-851-738-6	Sequence 6, Appli
4	127	99.2	28	9 US-09-805-507-6	Sequence 6, Appli
5	127	99.2	28	9 US-09-859-804-6	Sequence 6, Appli
6	127	99.2	28	9 US-09-982-978-6	Sequence 6, Appli
7	127	99.2	28	9 US-09-153-021B-6	Sequence 6, Appli
8	127	99.2	28	14 US-10-091-258-6	Sequence 6, Appli
9	127	99.2	28	14 US-10-055-259-6	Sequence 6, Appli
10	127	99.2	28	15 US-10-322-839-6	Sequence 6, Appli
11	127	99.2	28	16 US-10-226-125	Sequence 5, Appli
12	127	99.2	29	9 US-09-851-738-5	Sequence 5, Appli
13	127	99.2	29	9 US-09-805-507-5	Sequence 5, Appli
14	127	99.2	29	9 US-09-982-978-5	Sequence 5, Appli
15	127	99.2	29	9 US-10-629-261-1	Sequence 6, Appli

RESULT 1
US-09-943-084-2
; Publication US/09943084
; Publication No. US20030050237A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Yesook
; Lambert, William J.
; Qi, Hong
; Gelfand, Robert A.
; Geoghegan, Kieran P.
; Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSER: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert P.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 573-1189

TELEFAX: (212) 573-1939
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 2;
 LENGTH: 31 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CBLL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-943-084-2

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 Best Local Similarity 100.0%; Pred. No. 1.6e-12; Indels 0; Gaps 0;
 Matches 25; Conservative 0; Mismatches 0; Oligos 0; Gaps 0;

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 Db 1 FTSDVSSYLEGQAAKBPIAFLWVKGR 25

RESULT 2
 US-09-943-084-3
 ; Sequence 3, Application US/0943084
 ; Publication No. US03005023A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kim, Yesook
 ; Llmlbert, William J.
 ; Q, Hong
 ; Gefland, Robert A.
 ; Geoghegan, Kieran F.
 ; Danley, Dennis B.
 ; TITLE OF INVENTION: Prolonged Delivery of Peptides
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Pfizer Inc
 ; STREET: 235 East 42nd Street, 20th Floor
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 10017-3755
 ; COMPUTER READABLE FORM:
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/943,084
 ; FILING DATE: 31-Aug-2001
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/181,655
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Shekya, Robert F.
 ; REGISTRATION NUMBER: 31,304
 ; REFERENCE/DOCKET NUMBER: PC8391

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 573-1189
 TELEFAX: (212) 573-1939
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 3:
 LENGTH: 30 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CBLL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
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RESULT 3
 US-09-851-738-6
 ; Sequence 6, Application US/09851738
 ; Patent No. US020055460A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas R.
 ; APPLICANT: Ehlers, Mario R.W.
 ; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
 ; Tissue
 ; FILE PREFERENCE: P03660US
 ; CURRENT APPLICATION NUMBER: US/09/851,738
 ; CURRENT FILING DATE: 2001-05-09
 ; PRIOR APPLICATION NUMBER: 09/302,596
 ; PRIOR FILING DATE: 1999-04-30
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 6
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: mammalian
 ; US-09-851-738-6

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 Best Local Similarity 100.0%; Pred. No. 1.8e-12; Indels 0; Gaps 0;

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RESULT 4
 US-09-805-507-6
 ; Sequence 6, Application US/09805507
 ; Patent No. US20020098195A1

GENERAL INFORMATION
 APPLICANT: COOLIDGE, THOMAS R.
 APPLICANT: EHLERS, MARIO
 TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 FILE REFERENCE: 08187/0395
 CURRENT APPLICATION NUMBER: US/09/805,507
 CURRENT FILING DATE: 2001-03-14
 PRIOR APPLICATION NUMBER: 097859,804
 PRIOR FILING DATE: 2001-05-18
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: Patentin Ver. 2.1
 LENGTH: 28
 SEQ ID NO: 6
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form
 OTHER INFORMATION: of GLP-1
 US-09-805-507-6

Query Match 99.2%; Score 127; DB 9; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.8e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 5
 US-09-859-804-6
 Sequence 6, Application US/09859804
 Patent No. US20020107206A1
 GENERAL INFORMATION:
 APPLICANT: COOLIDGE, THOMAS R.
 APPLICANT: EHLERS, MARIO
 TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 FILE REFERENCE: 08187/0395
 CURRENT APPLICATION NUMBER: US/09/859,804
 CURRENT FILING DATE: 2001-05-18
 PRIOR APPLICATION NUMBER: 60/205,239
 PRIOR FILING DATE: 2000-05-19
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: Patentin Ver. 2.1
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form
 OTHER INFORMATION: of GLP-1
 US-09-859-804-6

Query Match 99.2%; Score 127; DB 9; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.8e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 4 FTSDVSSYLEGQAKEFIAWLVKGR 28

RESULT 6
 US-09-982-978-6
 Sequence 6, Application US/09982978
 Patent No. US2002014605A1
 GENERAL INFORMATION:
 APPLICANT: COOLIDGE, THOMAS R.
 APPLICANT: EHLERS, MARIO
 TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 FILE REFERENCE: 08187/0395
 CURRENT APPLICATION NUMBER: US/09/982,978
 CURRENT FILING DATE: 2001-10-22

GENERAL INFORMATION
 PRIOR APPLICATION NUMBER: 09/859,804
 PRIOR FILING DATE: 2001-05-18
 PRIOR APPLICATION NUMBER: 60/205,239
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: Patentin Ver. 2.1
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form
 OTHER INFORMATION: of GLP-1
 US-09-982-978-6

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 Db 4 FTSDVSSYLEGQAKEFIAWLVKGR 28

RESULT 7
 US-09-953-021B-6
 Sequence 6, Application US/09953021B
 Patent No. US2002014713A1
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas L.
 APPLICANT: Ehlers, Mario R.W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of ISK
 TITLE OF INVENTION: Repertused Skeletal Muscle Tissue
 FILE REFERENCE: 203660US6
 CURRENT APPLICATION NUMBER: US/09/953,021B
 CURRENT FILING DATE: 2001-09-11
 PRIOR APPLICATION NUMBER: 09/302,596
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-953-021B-6

Query Match 99.2%; Score 127; DB 9; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.8e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 4 FTSDVSSYLEGQAKEFIAWLVKGR 28

RESULT 8
 US-10-091-258-6
 Sequence 6, Application US/10091258
 Publication No. US20030073626A1
 GENERAL INFORMATION:
 APPLICANT: Hathaway, David R.
 APPLICANT: Coolidge, Thomas R.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
 FILE REFERENCE: RCN-2
 CURRENT APPLICATION NUMBER: US/10/091,258
 CURRENT FILING DATE: 2002-03-05
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: Patentin version 3.1
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: mammalian
 US-10-091-258-6

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 Best Local Similarity 100.0%; Pred. No. 1.BE-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 11
 US-10-291-226-125
 ; Sequence 115, Application US/10291226
 ; Publication No. US20040106547A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Larsen, Bjarne Due
 ; MIKKELSEN, Jens Mollgaard
 ; INVENTOR: Neve, Soren
 ; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
 ; FILE REFERENCE: 55511(45487)
 ; CURRENT APPLICATION NUMBER: US/10/291,226
 ; CURRENT FILING DATE: 2002-11-08
 ; PRIOR APPLICATION NUMBER: US/09/614,847
 ; PRIOR FILING DATE: 12000-07-12
 ; PRIOR APPLICATION NUMBER: US 60/143,591
 ; PRIORITY NUMBER: SEQ ID NOS: 153
 ; PRIORITY FILING DATE: 1999-07-13
 ; NUMBER OF SEQ ID NOS: 153
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 ; SEQ ID NO: 125
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: GLP-1 (9-36) (Human)
 US-10-291-226-125

Query Match 99.2%; Score 127; DB 16; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.8E-12;
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RESULT 12
 US-09-851-738-5
 ; Sequence 5, Application US/09851738
 ; Patent No. US20020055460A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas R.
 ; MIKHAEL, Mario R.W.
 ; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
 ; TITLE OF INVENTION: Ischemic and Reperfused Tissue
 ; FILE REFERENCE: P03640US1
 ; CURRENT APPLICATION NUMBER: US/09/851,738
 ; CURRENT FILING DATE: 2001-05-09
 ; PRIOR APPLICATION NUMBER: US/09/302,596
 ; PRIOR FILING DATE: 1999-04-30
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 5
 ; LENGTH: 29
 ; TYPE: PRT
 ; ORGANISM: mammalian
 US-09-851-738-5

Query Match 99.2%; Score 127; DB 9; Length 29;
 Best Local Similarity 100.0%; Pred. No. 1.8E-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 13
 US-09-805-507-5
 ; Sequence 5, Application US/09805507
 ; Patent No. US20020098195A1
 ; GENERAL INFORMATION:
 ; APPLICANT: COOLIDGE, THOMAS R.

Query Match 99.2%; Score 127; DB 15; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.8E-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 14
 US-09-805-507-5
 ; Sequence 5, Application US/09805507
 ; Patent No. US20020098195A1
 ; GENERAL INFORMATION:
 ; APPLICANT: COOLIDGE, THOMAS R.

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APPLICANT: EHLERS, MARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT FILING DATE: 2001-03-14
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 13
SOFTWARE ID NO: 5
SOFTWARE ID NO: 5
LENGTH: 29
TYPE: PRT
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form
US-09-805-507-5

RESULT 14
US-09-859-804-5
Sequence 5, Application US/09859804
Patent No. US20020107206A1
GENERAL INFORMATION:
APPLICANT: COOLIDGE, THOMAS R.
APPLICANT: EHLERS, MARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/859,804
CURRENT FILING DATE: 2001-05-18
PRIOR FILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 5
LENGTH: 29
TYPE: PRT
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form
US-09-859-804-5

RESULT 15
US-09-982-978-5
Sequence 5, Application US/09982978
Patent No. US20020146105A1
GENERAL INFORMATION:
APPLICANT: COOLIDGE, THOMAS R.
APPLICANT: EHLERS, MARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/982,978
CURRENT FILING DATE: 2001-10-22
PRIOR FILING DATE: 2001-05-18
PRIOR FILING DATE: 2001-05-18

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GenCore version 5.1.6
 Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: July 3, 2004, 00:22:02 ; Search time 166.658 Seconds

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Title: US-09-943-084-3

Perfect score: 128

Sequence: 1 ?PFDVSSILEGQAAKEPIAFLVKG

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Scoring table: BL0SUM62

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Database : Pending Patents AA Main:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID

Description -----

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10	127	99.2	28	US-09-982-778-6
11	127	99.2	28	US-10-055-259-6
12	127	99.2	28	US-10-091-558-6
13	127	99.2	28	US-10-291-226-125
14	127	99.2	28	US-10-322-839-6
15	127	99.2	29	PCT-US02-13088-5
16	127	99.2	29	US-09-206-333-77
17	127	99.2	29	US-09-206-333-77
18	127	99.2	29	US-09-646-433-5
19	127	99.2	29	US-09-719-10-5
20	127	99.2	29	US-09-851-738-5
21	127	99.2	29	US-09-859-804-5
22	127	99.2	29	US-09-953-021-5
23	127	99.2	29	US-09-953-021B-5
24	127	99.2	29	US-09-982-978-5
25	127	99.2	29	US-10-055-259-5
26	127	99.2	29	US-10-091-558-5
27	127	99.2	29	US-10-322-839-5
28	127	99.2	30	PCT-US02-13088-4
29	127	99.2	30	PCT-US02-24141-1
30	127	99.2	30	PCT-US02-24141-3
31	127	99.2	30	PCT-US02-24141-4
32	127	99.2	30	PCT-US02-25227-25
33	127	99.2	30	PCT-US02-16693A-2
34	127	99.2	30	PCT-US02-40891-1508
35	127	99.2	30	PCT-US02-40892-698
36	127	99.2	30	PCT-US02-40892A-698
37	127	99.2	30	PCT-US02-1670A-1
38	127	99.2	30	PCT-US03-16643
39	127	99.2	30	PCT-US03-16645-4
40	127	99.2	30	PCT-US03-26778-14
41	127	99.2	30	PCT-US03-26818-18
42	127	99.2	30	PCT-US03-26818-18
43	127	99.2	30	PCT-US04-01369-293
44	127	99.2	30	PCT-US04-01169-295
45	127	99.2	30	PCT-US04-01169-296

ALIGNMENTS

RESULT 1
 US-09-943-084-2 ; Sequence 2, Application US/09943084
 ; GENERAL INFORMATION:
 ; APPLICANT: Kim, Yeobok
 ; Lambert, William J.
 ; Qi, Hong
 ; Gelfand, Robert A.
 ; Geoghegan, Kieran F.
 ; Danley, Dennis E.
 ;
 TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 STREET: Pfizer Inc
 CITY: 235 East 42nd Street, 20th Floor
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943, 084
 FILING DATE: 31-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181, 655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31,104
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 573-1189
 TELEFAX: (212) 573-1939
 TELEX: N/A

INFORMATION FOR SEQ ID NO: 2:

CHARACTERISTICS:
 LENGTH: 31 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-943-084-2

Query Match 99.2%; Score 127; DB 24; Length 26;
 Best Local Similarity 100.0%; Pred. No. 5.8e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2 FTSDYSSYLEGQAAKEFTAWLYKGR 26
 Db 1 FTSDYSSYLEGQAAKEFTAWLYKGR 25

RESULT 2
 US-09-943-084-3
 Sequence 3, Application US/09943084
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 Lambert, William J.
 Qi, Hong
 Gelfand, Robert A.
 Geoghegan, Kieran P.
 Danley, Dennis E.
 TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-3755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943, 084
 FILING DATE: 31-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181, 655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 573-1189
 TELEFAX: (212) 573-1939
 TELEX: N/A

INFORMATION FOR SEQ ID NO: 3:

CHARACTERISTICS:
 LENGTH: 30 amino acids
 TYPE: amino acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 US-09-943-084-3

Query Match 99.2%; Score 127; DB 24; Length 26;
 Best Local Similarity 100.0%; Pred. No. 5.8e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDYSSYLEGQAAKEFTAWLYKGR 26
 Db 2 FTSDYSSYLEGQAAKEFTAWLYKGR 26

RESULT 3
 PCT-US02-13088-6
 Sequence 6, Application PC/TUS0213088
 GENERAL INFORMATION:
 APPLICANT: Restoragen, Inc.
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
 TITLE OF INVENTION: RESISTANCE
 FILE REFERENCE: RGN-3
 CURRENT APPLICATION NUMBER: PCT/US02/13088
 CURRENT FILING DATE: 2002-04-24
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: mammalian
 PCT-US02-13088-6

Query Match 99.2%; Score 127; DB 1; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.3e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAKEFIAWLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAWLVKGR 28

RESULT 4
 US-09-666-413-6
 Sequence 6, Application US/09646433
 GENERAL INFORMATION:
 APPLICANT: Goke, Burkhard
 TITLE OF INVENTION: HUMAN APPETITE CONTROL BY GLUCAGON-LIKE PEPTIDE RECEPTOR BINDING
 FILE REFERENCE: P03893US1
 CURRENT APPLICATION NUMBER: US/09/646,433
 CURRENT FILING DATE: 2002-10-15
 PRIOR APPLICATION NUMBER: US 60/189,091.
 PRIOR FILING DATE: 2000-03-14
 PRIOR APPLICATION NUMBER: PCT/US99/05571
 PRIOR FILING DATE: 1999-03-16
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Unknown

FEATURE: OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
 US-09-646-413-6

Query Match 99.2%; Score 127; DB 20; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.3e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAKEFIAWLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAWLVKGR 28

RESULT 5
 US-09-719-410-6
 Sequence 6, Application US/0919410
 GENERAL INFORMATION:
 APPLICANT: Goke, Burkhard
 TITLE OF INVENTION: Glucagon-Like Peptide-1 Improves the Ability of the B-Cell to Sense and Respond to Glucose in Subjects with Impaired Glucose Tolerance
 FILE REFERENCE: P03986US2
 CURRENT APPLICATION NUMBER: US/09/719,410
 CURRENT FILING DATE: 2000-12-12
 PRIOR APPLICATION NUMBER: PCT/US99/10040
 PRIOR FILING DATE: 1999-05-07
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: mammalian

US-09-719-410-6

Query Match 99.2%; Score 127; DB 21; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.3e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAKEFIAWLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAWLVKGR 28

RESULT 6
 US-09-851-738-6
 Sequence 6, Application US/09851738
 GENERAL INFORMATION:

APPLICANT: Coolidge, Thomas R.
 APPLICANT: Ehlers, Mario R.W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Ischemic and Reperfused Tissue
 FILE REFERENCE: P03660US1
 CURRENT APPLICATION NUMBER: US/09/851,738
 CURRENT FILING DATE: 2001-09-09
 PRIOR APPLICATION NUMBER: 09/302,596
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: mammalian

US-09-851-738-6

Query Match 99.2%; Score 127; DB 23; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.3e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAKEFIAWLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAWLVKGR 28

RESULT 7
 US-09-859-804-6
 Sequence 6, Application US/09859804
 GENERAL INFORMATION:
 APPLICANT: COOLIDGE, THOMAS R.
 APPLICANT: EHLLERS, MARIO R.
 TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 FILE REFERENCE: 089187/0395
 CURRENT APPLICATION NUMBER: US/09/859,804
 CURRENT FILING DATE: 2001-05-19
 PRIOR APPLICATION NUMBER: 60/205,239
 PRIOR FILING DATE: 2000-05-19
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
 US-09-859-804-6

Query Match 99.2%; Score 127; DB 23; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.3e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAKEFIAWLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAWLVKGR 28

RESULT 8
 US-09-953-021-6
 Sequence 6, Application US/09953021
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 APPLICANT: Ehlers, Mario R.W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Ischemic and Reperfused Tissue
 FILE REFERENCE: P03660US1
 CURRENT APPLICATION NUMBER: US/09/953,021
 CURRENT FILING DATE: 2001-09-11
 PRIOR APPLICATION NUMBER: 09/302,596
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: mammalian
 US-09-953-021-B-6

Query Match Score: 99.2%; Pred. No.: 6.3e-12; Length: 28;
 Best Local Similarity: 100.0%; Matches: 0; Mismatches: 0; Indels: 0; Gaps: 0;

Qy 2 FTSDVSSYLEGQAKEFIAVLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAVLVKGR 28

RESULT 9
 US-09-953-021B-6
 Sequence 6, Application US/0953021B
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas L.
 APPLICANT: Blhers, Mario R.W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Isch
 TITLE OF INVENTION: Repurposed Skeletal Muscle Tissue
 NUMBER OF SEQ ID NOS: 13
 FILE REFERENCE: P03660US6
 CURRENT APPLICATION NUMBER: US/09/953, 021B
 CURRENT FILING DATE: 2001-09-11
 PRIOR APPLICATION NUMBER: 09/302, 596
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-953-021B-6

Query Match Score: 99.2%; Pred. No.: 6.3e-12; Length: 28;
 Best Local Similarity: 100.0%; Matches: 0; Mismatches: 0; Indels: 0; Gaps: 0;

Qy 2 FTSDVSSYLEGQAKEFIAVLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAVLVKGR 28

RESULT 10
 US-09-982-978-6
 Sequence 6, Application US/0982978
 GENERAL INFORMATION:
 APPLICANT: COOLIGE, THOMAS R.
 APPLICANT: BLHRS, MARCO
 TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 FILE REFERENCE: 09/9187/0395
 CURRENT APPLICATION NUMBER: US/09/982, 978
 CURRENT FILING DATE: 2001-10-22
 PRIOR APPLICATION NUMBER: 09/859, 804
 PRIOR FILING DATE: 2001-05-18
 PRIOR FILING DATE: 2000-05-19
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form
 US-09-982-978-6

Query Match Score: 99.2%; Pred. No.: 6.3e-12; Length: 28;
 Best Local Similarity: 100.0%; Matches: 0; Mismatches: 0; Indels: 0; Gaps: 0;

Qy 2 FTSDVSSYLEGQAKEFIAVLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAVLVKGR 28

RESULT 11
 US-10-055-259-6
 Sequence 6, Application US/10055259
 GENERAL INFORMATION:
 APPLICANT: Holst, Jens J.
 APPLICANT: Villboll, Tina
 TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
 FILE REFERENCE: P03987US1
 CURRENT APPLICATION NUMBER: US/10/055, 259
 CURRENT FILING DATE: 2002-06-21
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 6

Query Match Score: 99.2%; Pred. No.: 6.3e-12; Length: 28;
 Best Local Similarity: 100.0%; Matches: 0; Mismatches: 0; Indels: 0; Gaps: 0;

Qy 2 FTSDVSSYLEGQAKEFIAVLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAVLVKGR 28

RESULT 12
 US-10-091-258-6
 Sequence 6, Application US/10091258
 GENERAL INFORMATION:
 APPLICANT: Hathaway, David R.
 APPLICANT: Coolidge, Thomas R.
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
 FILE REFERENCE: RGN-2
 CURRENT APPLICATION NUMBER: US/10/091, 258
 CURRENT FILING DATE: 2002-03-05
 NUMBER OF SEQ ID NOS: 13
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: mammalian
 US-10-091-258-6

Query Match Score: 99.2%; Pred. No.: 6.3e-12; Length: 28;
 Best Local Similarity: 100.0%; Matches: 0; Mismatches: 0; Indels: 0; Gaps: 0;

Qy 2 FTSDVSSYLEGQAKEFIAVLVKGR 26
 Db 4 FTSDVSSYLEGQAKEFIAVLVKGR 28

RESULT 13
 US-10-291-226-125
 Sequence 125, Application US/10291226
 GENERAL INFORMATION:
 APPLICANT: Larsen, Bjarne Die
 APPLICANT: Mikeelsen, Jens Møllgaard
 TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
 FILE REFERENCE: 55511(5487)
 CURRENT APPLICATION NUMBER: US/10/291, 226
 CURRENT FILING DATE: 2002-11-08

PRIOR APPLICATION NUMBER: US/09/614,847
 PRIOR FILING DATE: 12000-07-12
 PRIOR APPLICATION NUMBER: US 60/143,591.
 NUMBER OF SEQ ID NOS: 153
 SOFTWARE ID NO: 125
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: GLP-1 (9-36) (Human)
 US-10-291-286-125

Query Match 99.2%; Score 127; DB 28; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.3e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0;
 Gaps 0;

Qy 2 FTSDVSSYLEGQAQKFPFAMLVKGR 26
 Db 4 FTSDVSSYLEGQAQKFPFAMLVKGR 28

RESULT 14
 US-10-322-839-6
 / Sequence 6, Application US/10322839
 / GENERAL INFORMATION:
 / APPLICANT: Coolidge, Thomas R.
 / APPLICANT: Ehlers, Mario
 / APPLICANT: Ehlers, Mario
 / TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 / FILE REFERENCE: P0516710S2
 / CURRENT APPLICATION NUMBER: US/10/322,839
 / CURRENT FILING DATE: 2002-12-18
 / PRIOR APPLICATION NUMBER: US 09/859,804
 / PRIOR FILING DATE: 2001-05-18
 / PRIOR APPLICATION NUMBER: US 60/205,239
 / PRIOR FILING DATE: 2000-05-19
 / NUMBER OF SEQ ID NOS: 13
 / SOFTWARE: PatentIn version 3.1
 / SEQ ID NO: 6
 / LENGTH: 28
 / TYPE: PRT
 / ORGANISM: Unknown
 / FEATURE:
 / OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
 US-10-322-839-6

Query Match 99.2%; Score 127; DB 29; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.3e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0;
 Gaps 0;

Qy 2 FTSDVSSYLEGQAQKFPFAMLVKGR 26
 Db 4 FTSDVSSYLEGQAQKFPFAMLVKGR 28

RESULT 15
 PCT-US02-11088-5
 / Sequence 5, Application PC/TUS0213088
 / GENERAL INFORMATION:
 / APPLICANT: Restoragen, Inc.
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
 / TITLE OF INVENTION: RESISTANCE
 / FILE REFERENCE: RGN-3
 / CURRENT APPLICATION NUMBER: PCT/US02/13088
 / CURRENT FILING DATE: 2002-04-24
 / NUMBER OF SEQ ID NOS: 13
 / SOFTWARE: PatentIn version 3.1
 / SEQ ID NO: 5
 / LENGTH: 29
 / TYPE: PRT
 / ORGANISM: mammalian

Result No.	Score	Query	Match %	Length	DB	ID	Description
1	127	99.2	28	6	US-10-291-226A-125	Sequence 125, App1	Query Match 99.2%, Score 127; DB 6; Length 28;
2	127	99.2	30	1	PCT-US04-04421-774	Sequence 774, App1	Best Local Similarity 100.0%; Pred. No. 1.le 12;
3	127	99.2	30	1	PCT-US04-04421-775	Sequence 775, App1	Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
4	127	99.2	30	1	PCT-US04-04421-778	Sequence 778, App1	Qy 2 PTDVSSYLEGQAARKPFIANLVKGR 26
5	127	99.2	30	1	PCT-US04-06462-90	Sequence 90, App1	Db 4 PTDVSSYLEGQAARKPFIANLVKGR 28
6	127	99.2	30	1	PCT-US04-06082-2	Sequence 2, App1	RESULT 2 PCT-US04-04421-774
7	127	99.2	30	5	US-09-716-166-14	Sequence 14, App1	GENERAL INFORMATION: PCT/US04/04421
8	127	99.2	30	5	US-09-635-679E-4	Sequence 4, App1	APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
9	127	99.2	30	6	US-10-485-140-1	Sequence 1, App1	APPLICANT: SCIENTIFIQUES, S.A.S
10	127	99.2	30	6	US-10-485-140-3	Sequence 3, App1	APPLICANT: DONG, ZHENG LIN
11	127	99.2	30	6	US-10-485-140-4	Sequence 4, App1	TITLE OF INVENTION: ANALOGUES OF GLP-1
12	127	99.2	30	6	US-10-291-226A-87	Sequence 112, App1	FILE REFERENCE: 129P-PCT2
13	127	99.2	30	6	US-10-291-226A-112	Sequence 113, App1	CURRENT APPLICATION NUMBER: PCT/US04/04421
14	127	99.2	30	6	US-10-291-226A-113	Sequence 114, App1	CURRENT FILING DATE: 2004-02-17
15	127	99.2	30	6	US-10-291-226A-114	Sequence 698, App1	NUMBER OF SEQ ID NOS: 781
16	127	99.2	30	6	US-10-775-180-698	Sequence 1808, App1	PRIOR APPLICATION NUMBER: 60/449, 203
17	127	99.2	30	6	US-10-775-204-180B	Sequence 1, App1	PRIOR FILING DATE: 2003-02-19
18	127	99.2	30	6	US-10-769-080-1	Sequence 4, App1	SOFTWARE: PatentIn version 3.2
19	127	99.2	30	6	US-10-488-341-4	Sequence 25, App1	SEQ ID NO: 774
20	127	99.2	30	6	US-10-716-326-25	Sequence 5, App1	LENGTH: 30
21	127	99.2	30	6	US-10-811-646-5	Sequence 25, App1	
22	127	99.2	30	6	US-10-715-976-25	Sequence 1, App1	
23	127	99.2	30	6	US-10-741-534-1	Sequence 48, App1	
24	127	99.2	30	7	US-60-549-567-48	Sequence 776, App1	
25	127	99.2	31	1	PCT-US04-04421-776	Sequence 32, App1	
26	127	99.2	31	1	PCT-US04-06462-32		

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Run on: July 3, 2004, 00:25:27 ; Search time 12.273 Seconds

(without alignments)
105.442 Million cell updates/sec

Title: US-09-943-084-3

Perfect score: 128

Sequence: 1 ?PTSDVSSYLEGQAARKPFIANLVKGR 26

Scoring table: BLOSUM62

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Searched: 327902 seqs, 4973865 residues

Total number of hits satisfying chosen parameters: 327902

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Pending Patents AA New:
1: /cgn2_6/ptodata/2/paa/pct NEW_COMB_pep:
2: /cgn2_6/ptodata/2/paa/US06_NEW_COMB_pep:
3: /cgn2_6/ptodata/2/paa/US08_NEW_COMB_pep:
4: /cgn2_6/ptodata/2/paa/US09_NEW_COMB_pep:
5: /cgn2_6/ptodata/2/paa/US10_NEW_COMB_pep:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match %	Length	DB	ID	Description	OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
1	127	99.2	28	6	US-10-291-226A-125	Sequence 125, App1	Query Match 99.2%, Score 127; DB 6; Length 28;	RESULT 1 US-10-291-226A-125
2	127	99.2	30	1	PCT-US04-04421-774	Sequence 774, App1	Best Local Similarity 100.0%; Pred. No. 1.le 12;	GENERAL INFORMATION: Sequence 125, Application US/10291226A
3	127	99.2	30	1	PCT-US04-04421-775	Sequence 775, App1	Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	GENERAL, INFORMATION:
4	127	99.2	30	1	PCT-US04-04421-778	Sequence 778, App1	Qy 2 PTDVSSYLEGQAARKPFIANLVKGR 26	APPLICANT: Larsen, Bjarne Due
5	127	99.2	30	1	PCT-US04-06462-90	Sequence 90, App1	Db 4 PTDVSSYLEGQAARKPFIANLVKGR 28	APPLICANT: Neve, Soren
6	127	99.2	30	1	PCT-US04-06082-2	Sequence 2, App1	RESULT 2 PCT-US04-04421-774	FILE REFERENCE: 129P-PCT2
7	127	99.2	30	5	US-09-716-166-14	Sequence 14, App1	GENERAL INFORMATION: PCT/US04/04421	CURRENT APPLICATION NUMBER: PCT/US04/04421
8	127	99.2	30	5	US-09-635-679E-4	Sequence 4, App1	APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS	CURRENT FILING DATE: 2004-02-17
9	127	99.2	30	6	US-10-485-140-1	Sequence 1, App1	APPLICANT: SCIENTIFIQUES, S.A.S	NUMBER OF SEQ ID NOS: 781
10	127	99.2	30	6	US-10-485-140-3	Sequence 3, App1	APPLICANT: DONG, ZHENG LIN	PRIOR APPLICATION NUMBER: 60/449, 203
11	127	99.2	30	6	US-10-485-140-4	Sequence 4, App1	TITLE OF INVENTION: ANALOGUES OF GLP-1	PRIOR FILING DATE: 2003-02-19
12	127	99.2	30	6	US-10-291-226A-87	Sequence 112, App1	FILE REFERENCE: 129P-PCT2	SOFTWARE: PatentIn version 3.2
13	127	99.2	30	6	US-10-291-226A-112	Sequence 113, App1	CURRENT APPLICATION NUMBER: PCT/US04/04421	SEQ ID NO: 774
14	127	99.2	30	6	US-10-291-226A-113	Sequence 114, App1	CURRENT FILING DATE: 2004-02-17	LENGTH: 30
15	127	99.2	30	6	US-10-291-226A-114	Sequence 698, App1	NUMBER OF SEQ ID NOS: 781	
16	127	99.2	30	6	US-10-775-180-698	Sequence 1, App1	PRIOR APPLICATION NUMBER: 60/449, 203	
17	127	99.2	30	6	US-10-775-204-180B	Sequence 48, App1	PRIOR FILING DATE: 2003-02-19	
18	127	99.2	30	6	US-10-769-080-1	Sequence 776, App1	SOFTWARE: PatentIn version 3.2	
19	127	99.2	30	6	US-10-488-341-4	Sequence 32, App1	SEQ ID NO: 774	
20	127	99.2	30	6	US-10-716-326-25		LENGTH: 30	
21	127	99.2	30	6	US-10-811-646-5			
22	127	99.2	30	6	US-10-715-976-25			
23	127	99.2	30	6	US-10-741-534-1			
24	127	99.2	30	7	US-60-549-567-48			
25	127	99.2	31	1	PCT-US04-04421-776			
26	127	99.2	31	1	PCT-US04-06462-32			

ALIGNMENTS

RESULT 4
PCT-US04-04421-778
; Sequence 778, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-ICT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 775
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Illustrative hGLP-1(7-36)
; FEATURE:
; OTHER INFORMATION: c-term may or may not be amidated
PCT-US04-04421-778

Query	Match	Score	DB	Length	1;	Best Local Similarity	Pred.	No.	Mismatches	Indels	Gaps	0;
2	FTSDVSSYLEGQAAKFIAWLVKGR	99.2%	26	30;		100.0%	1.2e-12;		0;	0;	0;	
Db	6	FTSDVSSYLEGQAAKFIAWLVKGR	30									

Query Match 99.2%; Score 127; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAAKFIAWLVKGR 26
Db 6 FTSDVSSYLEGQAAKFIAWLVKGR 30

RESULT 5
PCT-US04-06462-90
; Sequence 90, Application PC/TUS0406462
; GENERAL INFORMATION:
; APPLICANT: BioRxiv Pharmaceuticals Corp.
; APPLICANT: Sedgert, Hayleyann
; APPLICANT: Prior, Christopher P.
; APPLICANT: Ballance, David J.
; TITLE OF INVENTION: Dipeptidyl peptidase protected proteins
; FILE REFERENCE: 5410-5101-WO
; CURRENT APPLICATION NUMBER: PCT/US04/06462
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: US 10/378,094
; PRIOR FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: PCT/US 03/26818
; PRIOR FILING DATE: 2003-08-28
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 90
; LENGTH: 30
; TYPE: PRT
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: A8G modified GLP-1
PCT-US04-06462-90

Query	Match	Score	DB	Length	1;	Best Local Similarity	Pred.	No.	Mismatches	Indels	Gaps	0;
2	FTSDVSSYLEGQAAKFIAWLVKGR	99.2%	26	30;		100.0%	1.2e-12;		0;	0;	0;	
Db	6	FTSDVSSYLEGQAAKFIAWLVKGR	30									

Query Match 99.2%; Score 127; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAAKFIAWLVKGR 26
Db 6 FTSDVSSYLEGQAAKFIAWLVKGR 30

RESULT 6
PCT-US04-06082-2
; Sequence 2, Application PC/TUS0406082
; GENERAL INFORMATION:
; APPLICANT: Eli Lilly and Company
; TITLE OF INVENTION: Polyethylene Glycol Linked GLP-1 Compounds
; FILE REFERENCE: X-16020
; CURRENT APPLICATION NUMBER: PCT/US04/06082
; CURRENT FILING DATE: 2004-03-23
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 2
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US04-06082-2

Query Match 99.2%; Score 127; DB 1; Length 30;
 Best Local Similarity 100.0%; Pred. No. 1.2e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 2 FTSDVSSYLEGQAAKEFIAFLVKGR 26
 SEQ ID NO: 6 FTSDVSSYLEGQAAKEFIAFLVKGR 30

RESULT 7
US-09-716-166-14

; Sequence 14, Application US/09716166
 ; GENERAL INFORMATION:
 ; APPLICANT: Treco, Douglas A.
 ; APPLICANT: Concino, Michael F.
 ; APPLICANT: Duguay, Stephen J.
 ; TITLE OF INVENTION: NUCLEARIC ACID CONSTRUCT FOR OPTIMIZED
 ; TITLE OF INVENTION: PRODUCTION OF PRODUCTS
 ; FILE REFERENCE: 10278-014.001
 ; CURRENT APPLICATION NUMBER: US/09/716.166
 ; CURRENT FILING DATE: 2000-11-17
 ; PRIOR APPLICATION NUMBER: US 60/166,508
 ; PRIOR FILING DATE: 1999-11-19
 ; NUMBER OF SEQ ID NOS: 14
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 14
 ; TYPE: PRT
 ; FEATURE: Artificial Sequence
 ; OTHER INFORMATION: synthetically generated polypeptide
 ; OTHER INFORMATION: insulinotropic peptide
 US-09-716-166-14

Query Match 99.2%; Score 127; DB 5; Length 30;
 Best Local Similarity 100.0%; Pred. No. 1.2e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 2 FTSDVSSYLEGQAAKEFIAFLVKGR 26
 SEQ ID NO: 6 FTSDVSSYLEGQAAKEFIAFLVKGR 30

RESULT 8
US-09-635-679B-4

; Sequence 4, Application US/09635679E
 ; GENERAL INFORMATION:
 ; APPLICANT: Habener, Joe L.
 ; TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
 ; FILE REFERENCE: 06/9-1090009 US/09/635,679B
 ; CURRENT APPLICATION NUMBER: US/09/635,679B
 ; CURRENT PILING DATE: 2000-08-10
 ; PRIOR APPLICATION NUMBER: 09/090,949
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 08/749,762
 ; PRIOR FILING DATE: 1996-11-20
 ; PRIOR APPLICATION NUMBER: 08/156,800
 ; PRIOR FILING DATE: 1993-11-23
 ; PRIOR APPLICATION NUMBER: 07/756,215
 ; PRIOR FILING DATE: 1991-09-05
 ; PRIOR APPLICATION NUMBER: 07/532,111
 ; PRIOR FILING DATE: 1990-06-01
 ; PRIOR APPLICATION NUMBER: 07/148,517
 ; PRIOR FILING DATE: 1988-01-26
 ; PRIOR APPLICATION NUMBER: 06/859,928
 ; PRIOR FILING DATE: 1988-05-05
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO: 4
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:

; OTHER INFORMATION: Synthetic Construct

; OTHER INFORMATION: insulinotropic peptide
 US-09-635-679B-4
 Query Match 99.2%; Score 127; DB 5; Length 30;
 Best Local Similarity 100.0%; Pred. No. 1.2e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 2 FTSDVSSYLEGQAAKEFIAFLVKGR 26
 SEQ ID NO: 6 FTSDVSSYLEGQAAKEFIAFLVKGR 30

RESULT 9
US-10-485-140-1

; Sequence 1, Application US/10485140
 ; GENERAL INFORMATION:
 ; APPLICANT: The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
 ; APPLICANT: Secretary, Department of Health and Human Services
 ; APPLICANT: Craig, Nigel H.
 ; APPLICANT: Egan, Josephine
 ; APPLICANT: Doyle, Maire
 ; APPLICANT: Hollaway, Harold
 ; TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
 ; FILE REFERENCE: 14014-0396P1
 ; CURRENT APPLICATION NUMBER: US/10/485,140
 ; CURRENT FILING DATE: 2004-01-27
 ; PRIOR APPLICATION NUMBER: 60/309,076
 ; PRIOR FILING DATE: 2001-07-31
 ; NUMBER OF SEQ ID NOS: 52
 ; SEQ ID NO: 1
 ; LENGTH: 30
 ; TYPE: PRT
 ; ORGANISM: Human
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 1
 ; LENGTH: 30
 ; TYPE: PRT
 ; OTHER INFORMATION: insulinotropic peptide
 US-10-485-140-1
 Query Match 99.2%; Score 127; DB 6; Length 30;
 Best Local Similarity 100.0%; Pred. No. 1.2e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 2 FTSDVSSYLEGQAAKEFIAFLVKGR 26
 SEQ ID NO: 6 FTSDVSSYLEGQAAKEFIAFLVKGR 30

RESULT 10
US-10-485-140-3

; Sequence 3, Application US/10485140
 ; GENERAL INFORMATION:
 ; APPLICANT: The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
 ; APPLICANT: Secretary, Department of Health and Human Services
 ; APPLICANT: Craig, Nigel H.
 ; APPLICANT: Egan, Josephine
 ; APPLICANT: Doyle, Maire
 ; APPLICANT: Hollaway, Harold
 ; TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
 ; FILE REFERENCE: 14014-0396P1
 ; CURRENT APPLICATION NUMBER: US/10/485,140
 ; CURRENT FILING DATE: 2004-01-27
 ; PRIOR APPLICATION NUMBER: 60/309,076
 ; PRIOR FILING DATE: 2001-07-31
 ; NUMBER OF SEQ ID NOS: 52
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO: 3
 ; LENGTH: 30
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:/Note =
 ; OTHER INFORMATION: Synthetic Construct
 US-10-485-140-3
 Query Match 99.2%; Score 127; DB 6; Length 30;

Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Db 6 FTSDVSSYLEGQAKEFIAWLVKGR 30

Qy 2 FTSDVSSYLEGQAKEFIAWLVKGR 26
Db 6 FTSDVSSYLEGQAKEFIAWLVKGR 30

RESULT 13
US-10-291-2226A-112 ; Sequence 112, Application US/10291226A
GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291_2226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 112
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Glyblys34N-palmitoyl-GLP-1 (7-36)
; NAME/KEY: MOD RES
; LOCATION: (28)
; OTHER INFORMATION: Lys(N-palmitoyl)
US-10-291-2226A-112

Query Match 99.2%; Score 127; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Db 6 FTSDVSSYLEGQAKEFIAWLVKGR 30

Qy 2 FTSDVSSYLEGQAKEFIAWLVKGR 26
Db 6 FTSDVSSYLEGQAKEFIAWLVKGR 30

RESULT 14
US-10-291-2226A-113 ; Sequence 113, Application US/10291226A
GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291_2226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 113
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Glyblys26N-palmitoyl-GLP-1 (7-36)
; NAME/KEY: MOD RES
; LOCATION: (20)
; OTHER INFORMATION: Lys(N-palmitoyl)
US-10-291-2226A-113

Query Match 99.2%; Score 127; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Db 6 FTSDVSSYLEGQAKEFIAWLVKGR 30

Qy 2 FTSDVSSYLEGQAKEFIAWLVKGR 26
Db 6 FTSDVSSYLEGQAKEFIAWLVKGR 30

RESULT 15
US-10-291-2226A-87 ; Sequence 87, Application US/10291226A
GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Mikkelsen, Jens Mollgaard
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511(45487)
; CURRENT APPLICATION NUMBER: US/10/291_2226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 87
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Glyb-GLP-1-(7-36) (Human) -NH2
; OTHER INFORMATION: Glyb-GLP-1-(7-36) (Human) -NH2
US-10-291-2226A-87

Query Match 99.2%; Score 127; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Db 6 FTSDVSSYLEGQAKEFIAWLVKGR 30

Qy 2 FTSDVSSYLEGQAKEFIAWLWGR 26
Db 6 FTSDVSSYLEGQAKEFIAWLWGR 30

RESULT 15

US-10-291-226A-114
Sequence 114, Application US/10291226A
GENERAL INFORMATION:
APPLICANT: Larsen, Bjarne Due
APPLICANT: Wilkelsen, Jens Mollgaard
APPLICANT: Neve, Soren
TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
FILE REFERENCE: 55511(45487)
CURRENT APPLICATION NUMBER: US/10/291.226A
PRIORITY NUMBER: 55511 (45487)
PRIORITY FILING DATE: 2002-11-08
PRIORITY NUMBER: US 60/143,591
PRIORITY FILING DATE: 1999-07-13
NUMBER OF SEQ ID NOS: 153
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 114
LENGTH: 30
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: GLP-1(7-36)

US-10-291-226A-114

Query Match 99.2%; Score 127; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FTSDVSSYLEGQAKEFIAWLWGR 26
Db 6 FTSDVSSYLEGQAKEFIAWLWGR 30

Search completed: July 3, 2004 00:47:42
Job time : 12.2733 secs

Qy 1 FTSVDSSYLEGQAKEPIAWLVKG 24
4 FTSVDSSYLEGQAKEPIAWLVKG 27

RESULT 2

US-09-302-596-6

; Sequence 6, Application US/09302596

; Patent No. 6284725

; GENERAL INFORMATION:

; APPLICANT: Coolidge, Thomas R.

; PRIORITY NUMBER: Mario R.W.

; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of the

; Ischemic and Reperfused Brain Tissue

; FILE REFERENCE: P03660US1

; CURRENT APPLICATION NUMBER: US/09/302,596

; CURRENT FILING DATE: 1999-04-10

; PRIOR APPLICATION NUMBER: 60/103,498

; PRIOR FILING DATE: 1998-10-08

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO: 6

; LENGTH: 28

; TYPE: PRT

; ORGANISM: mammalian

US-09-302-596-6

Query Match 100.0%; Score 122; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12; Indels 0; Gaps 0;
Matches 24; Conservative 0; Mismatches 0;

Qy 1 FTSVDSSYLEGQAKEPIAWLVKG 24
Db 4 FTSVDSSYLEGQAKEPIAWLVKG 27

US-09-303-016-6

; TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically Active Analogues to Improve the Function of the

; Ischemic and Reperfused Brain

; FILE REFERENCE: P03660US2

; CURRENT APPLICATION NUMBER: US/09/303,016

; CURRENT FILING DATE: 1999-04-30

; PRIOR APPLICATION NUMBER: 60/103,498

; PRIOR FILING DATE: 1998-10-08

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO: 6

; LENGTH: 28

; TYPE: PRT

; ORGANISM: Homo sapiens

; SEQ ID NO: 13

US-09-303-016-6

Query Match 100.0%; Score 122; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12; Indels 0; Gaps 0;
Matches 24; Conservative 0; Mismatches 0;

Qy 1 FTSVDSSYLEGQAKEPIAWLVKG 24
Db 4 FTSVDSSYLEGQAKEPIAWLVKG 27

RESULT 5

US-09-614-847-125

; Sequence 125, Application US/09614847

; Patent No. 652486

; GENERAL INFORMATION:

; APPLICANT: Bjarne Due

; PRIORITY NUMBER: 55511 (5487)

; CURRENT APPLICATION NUMBER: US/09/614,847

; CURRENT FILING DATE: 2000-07-12

; PRIOR APPLICATION NUMBER: US 60/143,591

; PRIOR FILING DATE: 1999-07-13

; NUMBER OF SEQ ID NOS: 153

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO: 125

; LENGTH: 28

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: GBP-1 (9-36) (Human)

US-09-614-847-125

Query Match 100.0%; Score 122; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12; Indels 0; Gaps 0;
Matches 24; Conservative 0; Mismatches 0;

Qy 1 FTSVDSSYLEGQAKEPIAWLVKG 24
Db 4 FTSVDSSYLEGQAKEPIAWLVKG 27

RESULT 6

US-09-805-507-6

; Sequence 6, Application US/09805507

; Patent No. 657951

; GENERAL INFORMATION:

; APPLICANT: Coolidge, Thomas R.

; PRIORITY NUMBER: 0891870195

; CURRENT APPLICATION NUMBER: US/09/805,507

; CURRENT FILING DATE: 2001-03-14

; PRIOR APPLICATION NUMBER: 09/859,804

; PRIOR FILING DATE: 2001-05-18

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: PatentIn Ver. 2.1

Query Match 100.0%; Score 122; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12; Indels 0; Gaps 0;
Matches 24; Conservative 0; Mismatches 0;

Qy 1 FTSVDSSYLEGQAKEPIAWLVKG 24
Db 4 FTSVDSSYLEGQAKEPIAWLVKG 27

US-09-333-415-6

; TITLE OF INVENTION: Treatment of Acute Coronary Syndrome with GLP-1

; APPLICANT: Ehlers, Mario

; PRIORITY NUMBER: 0891870195

; CURRENT APPLICATION NUMBER: US/09/805,507

; CURRENT FILING DATE: 2001-03-14

; PRIOR APPLICATION NUMBER: 09/859,804

; PRIOR FILING DATE: 2001-05-18

; NUMBER OF SEQ ID NOS: 13

; SOFTWARE: PatentIn Ver. 2.1

Query Match 100.0%; Score 122; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12; Indels 0; Gaps 0;
Matches 24; Conservative 0; Mismatches 0;

Qy 1 FTSVDSSYLEGQAKEPIAWLVKG 24
Db 4 FTSVDSSYLEGQAKEPIAWLVKG 27

US-09-333-415-6

SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form
 OTHER INFORMATION: Of GLP-1
 US-09-805-507-6

Query Match Score 100.0%; Score 122; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 2.6e-12; Indels 0; Gaps 0;
 Matches 24; Conservative 0; Mismatches 0;

Db. 1 FTSDVSSYLEGQAAKEFIAWLVKG 24
 Db. 4 FTSDVSSYLEGQAAKEFIAWLVKG 27

RESULT 7
 PCT-US95-10793-9
 Sequence 9, Application PC/TUS9510793
 GENERAL INFORMATION:
 APPLICANT: Johnson, William T.
 ATTORNEY/AGENT INFORMATION:
 TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
 TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSSEE: Eli Lilly and Company/RSM
 STREET: Lilly Corporate Center
 CITY: Indianapolis
 STATE: IN
 COUNTRY: USA
 ZIP: 46285
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-08/297,731
 FILING DATE:
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Maciak, Ronald S.
 REGISTRATION NUMBER: 35,262
 REFERENCE/DOCKET NUMBER: X9630
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 317-276-1664
 TELEFAX: 317-277-1917
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 29 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide

US-08-297-731-10

Query Match Score 100.0%; Score 122; DB 1; Length 29;
 Best Local Similarity 100.0%; Pred. No. 2.7e-12; Indels 0; Gaps 0;
 Matches 24; Conservative 0; Mismatches 0;

Db. 1 FTSDVSSYLEGQAAKEFIAWLVKG 24
 Db. 4 FTSDVSSYLEGQAAKEFIAWLVKG 27

RESULT 9
 US-08-297-731-11
 Sequence 11, Application US/08297731
 GENERAL INFORMATION:
 APPLICANT: Johnson, William T.
 ATTORNEY/AGENT INFORMATION:
 TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
 TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSSEE: Eli Lilly and Company/RSM
 STREET: Lilly Corporate Center
 CITY: Indianapolis
 STATE: IN
 COUNTRY: USA
 ZIP: 46285
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:

Query Match Score 100.0%; Score 122; DB 5; Length 28;
 Best Local Similarity 100.0%; Pred. No. 2.6e-12; Indels 0; Gaps 0;
 Matches 27; Conservative 0; Mismatches 0;

Db. 1 FTSDVSSYLEGQAAKEFIAWLVKG 24
 Db. 4 FTSDVSSYLEGQAAKEFIAWLVKG 27

RESULT 8

APPLICATION NUMBER: US/08/297,731
 FILING DATE: 5/14
 ATTORNEY/AGENT INFORMATION:
 NAME: MacLak, Ronald S.
 REGISTRATION NUMBER: 35,262
 REFERENCE/DOCKET NUMBER: X9630
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 317-276-1664
 TELEFAX: 317-277-1917
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 29 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 FEATURE:
 NAME/KEY: Modified-Site
 LOCATION: 28..29
 OTHER INFORMATION: /note= "C-terminal amide"
 US-08-297-731-11

Query Match 100.0%; Score 122; DB 1; Length 29;
 Best Local Similarity 100.0%; Pred. No. 2.7e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Software: PatentIn Ver. 2.0
 SEQ ID NO 5 FTSDVSSYLEGQAAKEFIAWLVKG 24
 Db 5 FTSDVSSYLEGQAAKEFIAWLVKG 28

RESULT 10
 US-09-302-596-5
 Sequence 5, Application US/09302596
 GENERAL INFORMATION:
 PATENT NO. 6284725
 APPLICANT: Coolidge, Thomas R.
 APPLICANT: Ehlers, Mario R.W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Tissue
 FILE REFERENCE: P03600US1
 CURRENT APPLICATION NUMBER: US/09/302,596
 CURRENT FILING DATE: 1999-04-30
 PRIOR APPLICATION NUMBER: 60/103,498
 PRIOR FILING DATE: 1998-10-08
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: mammalian
 US-09-302-596-5

Query Match 100.0%; Score 122; DB 3; Length 29;
 Best Local Similarity 100.0%; Pred. No. 2.7e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Software: PatentIn Ver. 2.0
 SEQ ID NO 4 FTSDVSSYLEGQAAKEFIAWLVKG 24
 Db 4 FTSDVSSYLEGQAAKEFIAWLVKG 27

RESULT 11
 US-08-472-149-4
 Sequence 4, Application US/08472349
 GENERAL INFORMATION:
 PATENT NO. 6284727
 APPLICANT: Kim, Yesook
 APPLICANT: Lambert, William J.
 APPLICANT: Qi, Hong
 APPLICANT: Geifand, Robert A.
 APPLICANT: Geoghegan, Kieran P.

Query Match 100.0%; Score 122; DB 3; Length 29;
 Best Local Similarity 100.0%; Pred. No. 2.7e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Software: PatentIn Ver. 2.0
 SEQ ID NO 1 FTSDVSSYLEGQAAKEFIAWLVKG 24
 Db 1 FTSDVSSYLEGQAAKEFIAWLVKG 24

RESULT 12
 US-09-313-415-5
 Sequence 5, Application US/0933415
 GENERAL INFORMATION:
 PATENT NO. 6344180
 APPLICANT: Holst, Jens J.
 APPLICANT: Vilbøll, Tina
 TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell Function and the Presence of the Condition of IGT and Type-II Diabetes

FILE REFERENCE: P03987USC
 CURRENT APPLICATION NUMBER: US/09/333,415
 CURRENT FILING DATE: 1999-06-15
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-333-415-5

Query Match 100.0%; Score 122; DB 4; Length 29;
 Best Local Similarity 100.0%; Pred. No. 2.7e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAWVKG 24
 Db 4 FTSDVSSYLEGQAKEFIAWVKG 27

RESULT 15
 US-09-997-792A-7
 / Sequence 7, Application US/09997792A
 / Patent No. 6555521
 / GENERAL INFORMATION:
 / APPLICANT: ELLI LILLY and COMPANY
 / TITLE OF INVENTION: Glucagon-Like Peptide-1 Crystals
 / FILE REFERENCE: X-1024A
 / CURRENT APPLICATION NUMBER: US/09/997-792A
 / CURRENT FILING DATE: 2002-09-30
 / PRIOR APPLICATION NUMBER: US 60/069,728
 / PRIOR FILING DATE: 1997-12-16
 / NUMBER OF SEQ ID NOS: 25
 / SOFTWARE: PatentIn version 3.1
 / SEQ ID NO: 7
 / LENGTH: 29
 / PTYPE: PRT
 / ORGANISM: Artificial Sequence
 / FEATURE:
 / OTHER INFORMATION: Synthetic Construct
 / FILE REFERENCE: X-1024A-7

Query Match 100.0%; Score 122; DB 4; Length 29;
 Best Local Similarity 100.0%; Pred. No. 2.7e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAWVKG 24
 Db 6 FTSDVSSYLEGQAKEFIAWVKG 29

Search completed: July 3, 2004, 00:28:48
 Job time : 12.3727 secs

RESULT 13
 US-09-099-799D-9
 / Sequence 9, Application US/09209799D
 / Patent No. 638057
 / GENERAL INFORMATION:
 / APPLICANT: Hermeling, Ronald
 / APPLICANT: Hoffmann, James
 / APPLICANT: Narasimhan, Chakravarthy
 / TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
 / FILE REFERENCE: X-10242
 / CURRENT APPLICATION NUMBER: US/09/209,799D
 / CURRENT FILING DATE: 1998-12-11
 / NUMBER OF SEQ ID NOS: 29
 / SOFTWARE: PatentIn version 3.0
 / SEQ ID NO: 9
 / LENGTH: 29
 / PTYPE: PRT
 / ORGANISM: Artificial
 / FEATURE:
 / OTHER INFORMATION: synthetic construct
 / FILE REFERENCE: X-10242

Query Match 100.0%; Score 122; DB 4; Length 29;
 Best Local Similarity 100.0%; Pred. No. 2.7e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAWVKG 24
 Db 6 FTSDVSSYLEGQAKEFIAWVKG 29

RESULT 14
 US-09-303-016-5
 / Sequence 5, Application US/09303016
 / Patent No. 6429197
 / GENERAL INFORMATION:
 / APPLICANT: Coolidge, Thomas R.
 / APPLICANT: Ehlers, Mario R.W.
 / TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically Active Analogs to Improve the Function of the Title of Invention: Ischemic and Reperfused Brain
 / FILE REFERENCE: P03600US2
 / CURRENT APPLICATION NUMBER: US/09/303,016
 / CURRENT FILING DATE: 1999-04-10
 / PRIOR APPLICATION NUMBER: 60/103,498
 / PRIOR FILING DATE: 1998-10-08
 / NUMBER OF SEQ ID NOS: 13
 / SOFTWARE: PatentIn Ver. 2.0
 / SEQ ID NO: 5
 / LENGTH: 29
 / PTYPE: PRT
 / ORGANISM: Homo sapiens
 US-09-303-016-5

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:26:08 ; Search time 34.7329 Seconds

(without alignments)

215.093 Million cell updates/sec

Title: US-09-943-084-4

Perfect score: 122

Sequence: 1 FRSVDSSTYLEQAAKPIAFAMLYVRG 24

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1276540 seqs, 311283816 residues

Total number of hits satisfying chosen parameters: 1276540

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Minimum Match 0%

Maximum Match 45 summaries

Listing first 45 summaries

Database : Published Applications_2004

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9: /cgn2_6/ptodata/2/pubpaas/us09C_PUBCOMB.pep;*

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11: /cgn2_6/ptodata/2/pubpaas/US09_NEW_PUB.pep;*

12: /cgn2_6/ptodata/2/pubpaas/us09c_NEW_PUB.pep;*

13: /cgn2_6/ptodata/2/pubpaas/us10c_PUBCOMB.pep;*

14: /cgn2_6/ptodata/2/pubpaas/us10c_PUBCOMB.pep;*

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16: /cgn2_6/ptodata/2/pubpaas/us10c_NEW_PUB.pep;*

17: /cgn2_6/ptodata/2/pubpaas/us60c_NEW_PUB.pep;*

18: /cgn2_6/ptodata/2/pubpaas/us60c_PUBCOMB.pep;*

RESULT 1
 US-09-943-084-4
 Sequence 4, Application US/09943-084
 Publication No. US20030050237A1
 GENERAL INFORMATION:
 APPLICANT: Kim, Yessoek
 Lambert, William J.
 Oi, Hong
 Gelfand, Robert A.
 Geoghegan, Kieran P.
 Danley, Dennis E.
 TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755

ALIGNMENTS

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220

TELEFAX: (212)573-1939
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 4:
 LENGTH: 29 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 US-09-943-084-4

Query Match 100 %; Score 122; DB 10; Length 24;
 Best Local Similarity 100 %; Pred. No. 6e-12; DB 10;
 Matches 24; Conservative 0; Mismatches 0; Gaps 0;
 Indels 0;

Qy 1 FTSDVSSYLEGQAKEFIANLVKG 24
 Db 1 FTSDVSSYLEGQAKEFIANLVKG 24

RESULT 2
 US-09-943-084-2
 Sequence 2, Application US/09943084
 Publication No. US2003005023TA1
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 Lambert, William J.
 Qi, Hong
 Gelfand, Robert A.
 Geoghegan, Kieran P.
 Danley, Dennis E.
 TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 31-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert P.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)573-1189
 TELEFAX: (212)573-1939
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 2:
 LENGTH: 31 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-943-084-2

Query Match 100.0%; Score 122; DB 10;
 Best Local Similarity 100.0%; Pred. No. 6.e-12;
 Matches 24; Conservative 0; Mismatches 0;
 Gaps 0;
 Indels 0;

Qy 1 FTSDVSSYLEGQAKEFIANLVKG 24
 Db 1 FTSDVSSYLEGQAKEFIANLVKG 24

RESULT 3
 US-09-943-084-3
 Sequence 3, Application US/09943084
 Publication No. US2003005123TA1
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 Lambert, William J.
 Qi, Hong
 Gelfand, Robert A.
 Geoghegan, Kieran P.
 Danley, Dennis E.
 TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 31-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert P.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:

REFERENCE/DOCKET NUMBER: PCB391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1689
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 3:
 LENGTH: 30 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 US-09-943-084-3

Query Match 100.0%; Score 122; DB 10; Length 26;
 Best Local Similarity 100.0%; Pred. No. 6.6e-12;
 Matches 24; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAFLVKG 24
 Db 2 FTSDVSSYLEGQAKEFIAFLVKG 25

RESULT 4
 US-09-951-738-6
 Sequence 6, Application US/09451738
 Patent No. US20020054601A1
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 APPLICANT: Ehlers, Mario R.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Tissue Reperfusion, Patent No. 6,406,051
 FILE REFERENCE: PO1660US1
 CURRENT APPLICATION NUMBER: US/09/851,738
 PRIOR APPLICATION NUMBER: 09/302,596
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13
 SEQ ID NO 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: mammalian
 US-09-951-738-6

Query Match 100.0%; Score 122; DB 9; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.1e-12;
 Matches 24; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAFLVKG 24
 Db 4 FTSDVSSYLEGQAKEFIAFLVKG 27

RESULT 5
 US-09-105-507-6
 Sequence 6, Application US/09805507

; Patent No. US20020098195A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; INVENTOR: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: 09/859, 804
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: Of GLP-1
; US-09-805-507-6

Query Match 100.0%; Score 122; DB 9; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.1e-12;
 Matches 24; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAFLVKG 24
 Db 4 FTSDVSSYLEGQAKEFIAFLVKG 27

RESULT 6
 US-09-859-804-6
 Sequence 6, Application US/09859804
; Patent No. US2002107206A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; INVENTOR: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/859, 804
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Truncated form
; OTHER INFORMATION: Of GLP-1
; US-09-859-804-6

Query Match 100.0%; Score 122; DB 9; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.1e-12;
 Matches 24; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAFLVKG 24
 Db 4 FTSDVSSYLEGQAKEFIAFLVKG 27

RESULT 7
 US-09-982-978-6
 Sequence 6, Application US/09982978
; Patent No. US20020146405A1
; GENERAL INFORMATION:
; APPLICANT: COOLIDGE, THOMAS R.
; INVENTOR: EHLERS, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; FILE REFERENCE: 089187/0395
; CURRENT APPLICATION NUMBER: US/09/992, 978

CURRENT FILING DATE: 2001-10-22
 PRIORITY APPLICATION NUMBER: 09/859,804
 PRIOR APPLICATION NUMBER: 2001-05-18
 PRIOR APPLICATION NUMBER: 60/205,239
 PRIOR FILING DATE: 2000-05-19
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form
 OTHER INFORMATION: of GLP-1
 US-09-982-978-6

Query Match 100.0%; Score 122; DB 14; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.1e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAWLVKG 24
 Db 4 FTSDVSSYLEGQAKEFIAWLVKG 27

RESULT 10
 US-10-055-259-6
 Sequence 6, Application US/10055259
 Publication No. US20030091507A1
 GENERAL INFORMATION:
 APPLICANT: Holst, Jens J.
 INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND
 TITLE OF INVENTION: PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
 FILE REFERENCE: P03987US1
 CURRENT APPLICATION NUMBER: US/10/055,259
 CURRENT FILING DATE: 2002-06-21
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-055-259-6

Query Match 100.0%; Score 122; DB 14; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.1e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAWLVKG 24
 Db 4 FTSDVSSYLEGQAKEFIAWLVKG 27

RESULT 11
 US-10-322-839-6
 Sequence 6, Application US/10322839
 Publication No. US20040002454A1
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 INVENTION: Treatment of Acute Coronary Syndrome With GLP-1
 FILE REFERENCE: P05671US2
 CURRENT APPLICATION NUMBER: US/10/322,839
 CURRENT FILING DATE: 2002-12-18
 PRIOR APPLICATION NUMBER: US 03/859,804
 PRIOR FILING DATE: 2001-05-18
 PRIOR APPLICATION NUMBER: US 60/205,239
 PRIOR FILING DATE: 2000-05-19
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Unknown
 FEATUR:

OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
 US-10-322-839-6

Query Match 100.0%; Score 122; DB 15; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.1e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAWLVKG 24
 Db 4 FTSDVSSYLEGQAKEFIAWLVKG 27

RESULT 9
 US-10-091-258-6
 Sequence 6, Application US/10001258
 Publication No. US20030073626A1
 GENERAL INFORMATION:
 APPLICANT: Hathaway, David R.
 INVENTION: Compositions and Methods for Treating Peripheral Vascular Disease
 TITLE OF INVENTION: Compositions and Methods for Treating Peripheral Vascular Disease
 FILE REFERENCE: RGN-2
 CURRENT APPLICATION NUMBER: US/10/091,258
 CURRENT FILING DATE: 2002-03-05
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: mammalian

RESULT 12 US-10-291-226-125
 Sequence 125, Application US/10291226
 Publication No. US20040106547A1
 GENERAL INFORMATION:
 APPLICANT: Larsen, Birne Due
 APPLICANT: Mikkelson, Jens Mollgaard
 APPLICANT: Neve, Soren
 TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
 FILE REFERENCE: 5551145487
 CURRENT APPLICATION NUMBER: US/10/291-226
 PRIOR APPLICATION NUMBER: US/09/611-08
 PRIOR FILING DATE: 2002-11-08
 PRIOR APPLICATION NUMBER: US/09/614, 847
 PRIOR FILING DATE: 12000-07-12
 NUMBER OF SEQ ID NOS: 153
 PRIOR FILING DATE: 1999-07-13
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 125
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: GLP-1 (9-36) (Human)
 US-10-291-226-125

Query Match Score 100.0%; Score 122; DB 9; Length 29;
 Best Local Similarity 100.0%; Pred. No. 7.4e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Software: PatentIn Ver. 2.1
 SEQ ID NO: 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form
 US-09-805-507-5

Query Match Score 100.0%; Score 122; DB 9; Length 29;
 Best Local Similarity 100.0%; Pred. No. 7.4e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Software: PatentIn Ver. 2.1
 SEQ ID NO: 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form
 US-09-805-507-5

RESULT 13 US-09-851-738-5
 Sequence 5, Application US/09851738
 Patent No. US20020055460A1
 GENERAL INFORMATION:
 APPLICANT: Coolidge, Thomas R.
 APPLICANT: Blhers, Mario R. W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Ischemic and Reperfused Tissue
 FILE REFERENCE: P03660US1
 CURRENT APPLICATION NUMBER: US/09/851, 738
 PRIOR FILING DATE: 2001-05-09
 PRIOR APPLICATION NUMBER: 09/302, 596
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 5
 LENGTH: 29
 TYPE: PRT
 ORGANISM: mammalian
 US-09-851-738-5

Query Match Score 100.0%; Score 122; DB 9; Length 29;
 Best Local Similarity 100.0%; Pred. No. 7.4e-12;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 14 US-09-805-507-5
 Sequence 5, Application US/09805507
 Patent No. US20020098195A1
 GENERAL INFORMATION:

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: July 3, 2004, 00:22:02 ; Search time 153.839 Seconds
(without alignments)
152.272 Million cell updates/sec

Title: US-09-943-084-4
Perfect score: 122

Sequence: 1 FTSDVSSYLEGQAKEFIAVLWKG 24

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Searched: 6019581 seqs, 976053577 residues

Total number of hits satisfying chosen parameters:

6019581

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing First 45 summaries

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Database : Pending_Patents_AA_Main:**

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SUMMARIES

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Description-----

RESULT 1 US-09-943-084-4
; Sequence 4, Application US/09943084
; GENERAL INFORMATION:
; APPLICANT: Kim, Yesook
; Lambert, William J.
; Qi, Hong
; Gelfand, Robert A.
; Geoghegan, Kieran F.
; Danley, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd Street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-5755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA: US/09/943,084
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 31-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEFAX: (212)573-1339
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 4:
 ICS:
 LENGTH: 29 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 US-09-943-084-4

Query Match 100.0%; Score 122; DB 24; Length 24;
 Best Local Similarity 100.0%; Pred. No. 1.9e-11;
 Matches 24; Conservative 0; Mismatches 0; Gaps 0;
 Indels 0;

Qy 1 FTSDVSSYLEGQAKEPIAMLYKG 24
 Db 1 FTSDVSSYLEGQAKEPIAMLYKG 24

RESULT 2
 US-09-943-084-2
 Sequence 2, Application US/09943084
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 Lambert, William J.
 Qi, Hong
 Gelfand, Robert A.
 Geoghegan, Kieran P.
 Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESS: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 31-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEFAX: (212)573-1939
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 2:
 ERISTICS:
 LENGTH: 31 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 UNIT: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-943-084-2

Query Match 100.0%; Score 122; DB 24; Length 24;
 Best Local Similarity 100.0%; Pred. No. 2.1e-11;
 Matches 24; Conservative 0; Mismatches 0; Gaps 0;
 Indels 0;

Qy 1 FTSDVSSYLEGQAKEPIAWLVKG 24
 Db 1 FTSDVSSYLEGQAKEPIAWLVKG 24

RESULT 3
 US-09-943-084-3
 Sequence 3, Application US/09943084
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 Lambert, William J.
 Qi, Hong
 Gelfand, Robert A.
 Geoghegan, Kieran P.
 Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESS: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 31-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 573-1189
 TELEX: (212) 573-1939
 TELEX: N/A

INFORMATION FOR SEQ ID NO: 3:

LENGTH: 30 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 HYPOOTHECTIC: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:

US-09-943-084-3

Query Match 100.0%; Score 122; DB 24; Length 26;
 Best Local Similarity 100.0%; Pred. No. 2.3e-11; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAFLVKKG 24
 Db 2 FTSDVSSYLEGQAKEFIAFLVKKG 25

RESULT 4
 PCT-US02-13088-6
 ; Sequence 6, Application PC/TUS02/13088
 ; GENERAL INFORMATION:
 ; APPLICANT: Bioscogen, Inc.
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
 ; TITLE OF INVENTION: RESISTANCE
 ; PILE REFERENCE: RGN-3
 ; CURRENT APPLICATION NUMBER: PCT/US02/13088
 ; CURRENT FILING DATE: 2002-04-24
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO: 6
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: mammalian
 ; PCT-US02-13088-6

Query Match 100.0%; Score 122; DB 21; Length 26;
 Best Local Similarity 100.0%; Pred. No. 2.3e-11; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAFLVKKG 24
 Db 4 FTSDVSSYLEGQAKEFIAFLVKKG 27

RESULT 7
 US-09-851-738-6
 ; Sequence 6, Application US/09851738
 ; GENERAL INFORMATION:

APPLICANT: Coolidge, Thomas R.
 APPLICANT: Ehlers, Mario R. W.
 TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Ischemic and Reperfused Tissue
 FILE REFERENCE: P03660US1
 CURRENT APPLICATION NUMBER: US/09/851,738
 CURRENT FILING DATE: 2001-05-09
 PRIOR FILING DATE: 1999-04-30
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: mammalian
 US-09-851-738-6

RESULT 8
 Query Match 100.0%; Score 122; DB 23; Length 28;
 Best Local Similarity 100.0%; Pred. No. 2.3e-11; Indels 0; Gaps 0;
 Matches 24; Conservative 0; Missmatches 0;
 Qy 1 FTSDVSSYLEGQAKEPIAWLYKG 24
 Db 4 FTSDVSSYLEGQAKEPIAWLYKG 27

FILE REFERENCE: 09187/0295
 CURRENT APPLICATION NUMBER: US/09/859,804
 CURRENT FILING DATE: 2001-05-18
 PRIOR APPLICATION NUMBER: 60/205,239
 PRIOR FILING DATE: 2000-05-19
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Unknown Organism
 FEATURE:
 OTHER INFORMATION: Description of Unknown Organism: Truncated form
 ; OTHER INFORMATION: of GLP-1
 US-09-859-804-6

Query Match 100.0%; Score 122; DB 23; Length 28;
 Best Local Similarity 100.0%; Pred. No. 2.3e-11; Indels 0; Gaps 0;
 Matches 24; Conservative 0; Missmatches 0;
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 Db 4 FTSDVSSYLEGQAKEPIAWLYKG 27

RESULT 9
 US-09-953-021-6
 ; Sequence 6, Application US/09953021
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas R.
 ; APPLICANT: Ehlers, Mario R. W.
 ; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Ischemic and Reperfused Tissue
 ; TITLE OF INVENTION: Function of Unknown Organism: Truncated form
 ; FILE REFERENCE: P03660US1
 ; CURRENT APPLICATION NUMBER: US/09/953,021
 ; CURRENT FILING DATE: 2001-09-11
 ; PRIOR APPLICATION NUMBER: 60/205,239
 ; PRIOR FILING DATE: 2000-05-19
 ; NUMBER OF SEQ ID NOS: 13
 ; SEQ ID NO: 6
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: Unknown Organism
 ; FEATURE:
 ; OTHER INFORMATION: Description of Unknown Organism: Truncated form
 ; OTHER INFORMATION: of GLP-1
 US-09-982-978-6

Query Match 100.0%; Score 122; DB 25; Length 28;
 Best Local Similarity 100.0%; Pred. No. 2.3e-11; Indels 0; Gaps 0;
 Matches 24; Conservative 0; Missmatches 0;
 Qy 1 FTSDVSSYLEGQAKEPIAWLYKG 24
 Db 4 FTSDVSSYLEGQAKEPIAWLYKG 27

RESULT 10
 US-09-953-021B-6
 ; Sequence 6, Application US/09953021B
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas L.
 ; APPLICANT: Ehlers, Mario R. W.
 ; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Ischemic and Reperfused Tissue
 ; FILE REFERENCE: P03660US6
 ; CURRENT APPLICATION NUMBER: US/09/953,021B
 ; CURRENT FILING DATE: 2001-09-11
 ; PRIOR APPLICATION NUMBER: 60/302,596
 ; PRIOR FILING DATE: 1999-04-30
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO: 6
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-953-021B-6

Query Match 100.0%; Score 122; DB 25; Length 28;
 Best Local Similarity 100.0%; Pred. No. 2.3e-11; Indels 0; Gaps 0;
 Matches 24; Conservative 0; Missmatches 0;
 Qy 1 FTSDVSSYLEGQAKEPIAWLYKG 24
 Db 4 FTSDVSSYLEGQAKEPIAWLYKG 27

RESULT 11
 US-09-982-978-6
 ; Sequence 6, Application US/09982978
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas R.
 ; APPLICANT: Ehlers, Mario R.
 ; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
 ; FILE REFERENCE: 089187/095
 ; CURRENT APPLICATION NUMBER: US/09/982,978
 ; CURRENT FILING DATE: 2001-10-22
 ; PRIOR APPLICATION NUMBER: 09/859,804
 ; PRIOR FILING DATE: 2001-05-18
 ; NUMBER OF SEQ ID NOS: 13
 ; SEQ ID NO: 6
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: Unknown Organism
 ; FEATURE:
 ; OTHER INFORMATION: Description of Unknown Organism: Truncated form
 ; OTHER INFORMATION: of GLP-1
 US-09-982-978-6

Query Match 100.0%; Score 122; DB 25; Length 28;
 Best Local Similarity 100.0%; Pred. No. 2.3e-11;

Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 FTSDVSSYLEGQAKEFIAFLVKKG 24
 DB 4 FTSDVSSYLEGQAKEFIAFLVKKG 27

RESULT 12
 US-10-055-259-6
 ; Sequence 6, Application US/10055259
 ; GENERAL INFORMATION:
 ; APPLICANT: Halsé, Jens J.
 ; INVENTION: Vilsbøll, Tina
 ; TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND THE
 ; FILE REFERENCE: P03967071
 ; CURRENT APPLICATION NUMBER: US/10/055,259
 ; CURRENT FILING DATE: 2002-06-21
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 6
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-055-259-6

Query Match 100.0%; Score 122; DB 26; Length 28;
 Best Local Similarity 100.0%; Pred. No. 2.3e-11;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 FTSDVSSYLEGQAKEFIAFLVKKG 24
 DB 4 FTSDVSSYLEGQAKEFIAFLVKKG 27

RESULT 13
 US-10-091-258-6
 ; Sequence 6, Application US/10091258
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas R.
 ; INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
 ; FILE REFERENCE: RGN-2
 ; CURRENT APPLICATION NUMBER: US/10/091,258
 ; CURRENT FILING DATE: 2002-03-05
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 6
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: mammalian
 ; US-10-091-258-6

Query Match 100.0%; Score 122; DB 26; Length 28;
 Best Local Similarity 100.0%; Pred. No. 2.3e-11;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query 1 FTSDVSSYLEGQAKEFIAFLVKKG 24
 DB 4 FTSDVSSYLEGQAKEFIAFLVKKG 27

RESULT 14
 US-10-291-226-125
 ; Sequence 125, Application US/10291226
 ; GENERAL INFORMATION:
 ; APPLICANT: Larsen, Bjarne Due
 ; APPLICANT: Mikkelsen, Jens Mollgaard
 ; APPLICANT: Neve, Søren
 ; INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
 ; FILE REFERENCE: 55511(45497)
 ; CURRENT APPLICATION NUMBER: US/10/291,226
 ; CURRENT FILING DATE: 2002-11-08

Result No.	Score	Query	Match %	Length	DB ID	Description
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3	122	100.0	29	6	US-10-715-957-24	Sequence 24, App
4	122	100.0	29	7	US-60-549-0421-728	Sequence 8, App
5	122	100.0	30	1	PCT-US04-04421-344	Sequence 344, App
6	122	100.0	30	1	PCT-US04-04421-774	Sequence 774, App
7	122	100.0	30	1	PCT-US04-04421-775	Sequence 775, App
8	122	100.0	30	1	PCT-US04-04421-778	Sequence 778, App
9	122	100.0	30	1	PCT-US04-06462-90	Sequence 90, App
10	122	100.0	30	1	PCT-US04-06082-2	Sequence 2, App
11	122	100.0	30	1	PCT-US04-06082-2	Sequence 14, App
12	122	100.0	30	1	US-09-716-166-14	Sequence 4, App
13	122	100.0	30	5	US-09-635-079B-4	Sequence 1, App
14	122	100.0	30	6	US-10-485-140-1	Sequence 3, App
15	122	100.0	30	6	US-10-485-140-3	Sequence 4, App
16	122	100.0	30	6	US-10-485-140-4	Sequence 87, App
17	122	100.0	30	6	US-10-291-226A-87	Sequence 112, App
18	122	100.0	30	6	US-10-291-226A-112	Sequence 11, App
19	122	100.0	30	6	US-10-291-226A-113	Sequence 638, App
20	122	100.0	30	6	US-10-291-226A-114	Sequence 188, App
21	122	100.0	30	6	US-10-775-180-598	Sequence 1, App
22	122	100.0	30	6	US-10-775-204-1808	Sequence 4, App
23	122	100.0	30	6	US-10-769-080-1	Sequence 25, App
24	122	100.0	30	6	US-10-488-141-4	Sequence 5, App
25	122	100.0	30	6	US-10-716-326-25	Sequence 111, App
26	122	100.0	30	6	US-10-811-646-5	Sequence 111, App

GenCore version 5.1.6
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OM protein - protein search, using sw mode!

Run on: July 3, 2004, 00:25:27 ; Search time 11.3292 Seconds
(without alignments)
105.442 Million call updates/sec

Title: US-09-943-084-4
Perfect score: 122
Sequence: 1 FTSDVSYLEGQAAREPFIAWLVRKG 24

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 327902 seqs, 49713865 residues

Total number of hits satisfying chosen parameters: 327902

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending Patents AA New:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

RESULT 1
US-10-291-226A-125
/ GENERAL INFORMATION:
/ Sequence 125, Application US/10291226A
/ APPLICANT: Larsen, Bjarne Due
/ APPLICANT: Mikkelson, Jens Mollgaard
/ TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
/ FILE REFERENCE: 5511.1 (54/87)
/ CURRENT APPLICATION NUMBER: US/10/291-226A
/ CURRENT FILING DATE: 2002-11-08
/ PRIOR APPLICATION NUMBER: US 60/143, 591
/ PRIORITY FILING DATE: 1998-07-13
/ NUMBER OF SEQ ID NOS: 153
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO: 125
/ LENGTH: 28
/ TYPE: PRT
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: GLP-1 (9-36) (Human)
US-10-291-226A-125

Query Match 100.0%; Score 122; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 4 2e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSYLEGQAAREPFIAWLVRKG 24
Db 4 FTSDVSYLEGQAAREPFIAWLVRKG 27

RESULT 2
US-10-716-326-24
/ Sequence 24, Application US/10716326
/ GENERAL INFORMATION:
/ APPLICANT: Genzyme Corporation
/ APPLICANT: Wadsworth, Samuel
/ APPLICANT: Armentano, Donna
/ APPLICANT: Gregory, Richard J.
/ APPLICANT: Parsons, Geoffrey
/ TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
/ FILE REFERENCE: 5062CIP
/ CURRENT APPLICATION NUMBER: US/10/716-326
/ CURRENT FILING DATE: 2003-11-17
/ PRIOR APPLICATION NUMBER: US 10/215, 272
/ PRIORITY FILING DATE: 2002-08-07
/ PRIOR APPLICATION NUMBER: US 60/310, 982
/ PRIOR FILING DATE: 2001-08-08

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; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 24
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-716-326-24

Query Match          100.0%; Score 122; DB 6; Length 29;
Best Local Similarity 100.0%; Pred. No. 4.3e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 FTSDVSVTLEGGAAKETIAFLWYRG 24
Db   6 FTSDVSVTLEGGAAKETIAFLWYRG 29

RESULT 3
US-10-715-976-24
; Sequence 24, Application US/10715976
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel
; APPLICANT: Armentano, Donna
; APPLICANT: Gregory, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: S21
; CURRENT APPLICATION NUMBER: US/10/715 976
; CURRENT FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 24
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-715-976-24

Query Match          100.0%; Score 122; DB 6; Length 29;
Best Local Similarity 100.0%; Pred. No. 4.3e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 FTSDVSVTLEGGAAKETIAFLWYRG 24
Db   6 FTSDVSVTLEGGAAKETIAFLWYRG 29

RESULT 4
US-60-549-567-8
; Sequence 8, Application US/60549567
; GENERAL INFORMATION:
; APPLICANT: SADEGH, Homayoun
; APPLICANT: TURNER, Andrew J.
; APPLICANT: Ballance, David J.
; TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
; FILE REFERENCE: 54710-5011-PR
; CURRENT APPLICATION NUMBER: US/60/549,567
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/324,059
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 10/221,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/406,977
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: PCT/US03/26818
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 128

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 8
; LENGTH: 29
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
US-60-549-567-8

Query Match          100.0%; Score 122; DB 7; Length 29;
Best Local Similarity 100.0%; Pred. No. 4.3e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 FTSDVSSYLEGGAAKETIAFLWYKG 24
Db   6 FTSDVSSYLEGGAAKETIAFLWYKG 29

RESULT 5
PCT-US04-04421-344
; Sequence 344, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 344
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
; OTHER INFORMATION: peptide
; FEATURE:
; NAME/KEY: MOD-RES
; LOCATION: (30)..(30)
; OTHER INFORMATION: D-Arg
; FEATURE:
; OTHER INFORMATION: c-term amidation
PCT-US04-04421-344

Query Match          100.0%; Score 122; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy   1 FTSDVSSYLEGGAAKETIAFLWYKG 24
Db   6 FTSDVSSYLEGGAAKETIAFLWYKG 29

RESULT 6
PCT-US04-04421-728
; Sequence 728, Application PC/TUS0404421
; GENERAL INFORMATION:
; APPLICANT: SOCIETE DE RECHERCHES ET D'APPLICATIONS
; APPLICANT: SCIENTIFIQUES, S.A.S
; APPLICANT: DONG, ZHENG ZIN
; TITLE OF INVENTION: ANALOGUES OF GLP-1
; FILE REFERENCE: 129P-PCT2
; CURRENT APPLICATION NUMBER: PCT/US04/04421
; CURRENT FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 781
; PRIOR APPLICATION NUMBER: 60/449,203
; PRIOR FILING DATE: 2003-02-19
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 728

```

LENGTH: 30
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE: Description of Artificial Sequence: Synthetic modified hGLP-1
 OTHER INFORMATION: peptide
 FEATURE:
 NAME/KEY: MOD RES
 LOCATION: (30)..(30)
 OTHER INFORMATION: D-Arg
 FEATURE:
 OTHER INFORMATION: c-term amidation
 PCT-US04-04421-728

Query Match 100.0%; Score 122; DB 1; Length 30;
 Best Local Similarity 100.0%; Pred. No. 4.5e-12;
 Matches 24; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;
 Qy 1 FTSDVSSYLEGQAAKEFIAFLVKG 24
 Db 6 FTSDVSSYLEGQAAKEFIAFLVKG 29

RESULT 7
 PCT-US04-04421-774
 ; Sequence 774, Application PC/TUS0404421
 ; GENERAL INFORMATION: Application PC/TUS0404421
 ; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
 ; APPLICANT: SCIENTIFIQUES, S.A.S
 ; APPLICANT: DONG, ZHENG ZIN
 ; TITLE OF INVENTION: ANALOGUES OF GLP-1
 ; FILE REFERENCE: 129P-PCT2
 ; CURRENT APPLICATION NUMBER: PCT/US04/04421
 ; CURRENT FILING DATE: 2004-02-17
 ; NUMBER OF SEQ ID NOS: 781
 ; PRIOR APPLICATION NUMBER: 60/449,203
 ; PRIOR FILING DATE: 2003-02-19
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO: 774
 ; LENGTH: 30
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Illustrative synthetic
 ; OTHER INFORMATION: modified hGLP-1 peptide
 ; FEATURE:
 ; NAME/KEY: MOD RES
 ; LOCATION: (21)..(21)
 ; OTHER INFORMATION: A5C
 ; FEATURE:
 ; OTHER INFORMATION: c-term amidation
 PCT-US04-04421-774

Query Match 100.0%; Score 122; DB 1; Length 30;
 Best Local Similarity 100.0%; Pred. No. 4.5e-12;
 Matches 24; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;
 Qy 1 FTSDVSSYLEGQAAKEFIAFLVKG 24
 Db 6 FTSDVSSYLEGQAAKEFIAFLVKG 29

RESULT 8
 PCT-US04-04421-775
 ; Sequence 775, Application PC/TUS0404421
 ; GENERAL INFORMATION: Application PC/TUS0404421
 ; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
 ; APPLICANT: SCIENTIFIQUES, S.A.S
 ; APPLICANT: DONG, ZHENG ZIN
 ; TITLE OF INVENTION: ANALOGUES OF GLP-1
 ; FILE REFERENCE: 129P-PCT2
 ; CURRENT APPLICATION NUMBER: PCT/US04/04421
 ; CURRENT FILING DATE: 2004-02-17

RESULT 9
 PCT-US04-04421-778
 ; Sequence 778, Application PC/TUS0404421
 ; GENERAL INFORMATION: Application PC/TUS0404421
 ; APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
 ; APPLICANT: SCIENTIFIQUES, S.A.S
 ; APPLICANT: DONG, ZHENG ZIN
 ; TITLE OF INVENTION: ANALOGUES OF GLP-1
 ; FILE REFERENCE: 129P-PCT2
 ; CURRENT APPLICATION NUMBER: PCT/US04/04421
 ; CURRENT FILING DATE: 2004-02-17
 ; NUMBER OF SEQ ID NOS: 781
 ; PRIOR APPLICATION NUMBER: 60/449,203
 ; PRIOR FILING DATE: 2003-02-19
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO: 778
 ; LENGTH: 30
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified
 ; OTHER INFORMATION: hGLP-1 peptide
 ; FEATURE:
 ; OTHER INFORMATION: c-term amidation
 ; FEATURE:
 ; NAME/KEY: MOD RES
 ; LOCATION: (11)..(11)
 ; OTHER INFORMATION: Tma-His
 PCT-US04-04421-778

Query Match 100.0%; Score 122; DB 1; Length 30;
 Best Local Similarity 100.0%; Pred. No. 4.5e-12;
 Matches 24; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Query Match 100.0%; Score 122; DB 1; Length 30;
 Best Local Similarity 100.0%; Pred. No. 4.5e-12;
 Matches 24; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;
 Qy 1 FTSDVSSYLEGQAAKEFIAFLVKG 24
 Db 6 FTSDVSSYLEGQAAKEFIAFLVKG 29

RESULT 10
 PCT-US04-06462-90
 ; Sequence 90, Application PC/TUS0406462
 ; GENERAL INFORMATION: Application PC/TUS0406462
 ; APPLICANT: BioReaxis Pharmaceutical Corp.
 ; APPLICANT: Sadeghi, Homayoun
 ; APPLICANT: Prior, Christopher P.
 ; APPLICANT: Ballance, David J.
 ; TITLE OF INVENTION: Di-peptidyl peptidase protected proteins
 ; FILE REFERENCE: 5410-5010-WO
 ; CURRENT APPLICATION NUMBER: PCT/US04/06462

CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: US 10/378,094
; PRIOR FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: PCT/US 03/26818
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 119
; SOFTWARE: PatentIn version 3.2
SEQ ID NO: 90
LENGTH: 30
TYPE: PRT
ORGANISM: artificial

OTHER INFORMATION: ABG modified GLP-1

PCT-US04-06462-90

Query Match 100.0%; Score 122; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIWLVKG 24
Db 6 FTSDVSSYLEGQAAKEFIWLVKG 29

RESULT 13
US-09-615-679B-4
Sequence 4, Application US/09635679B
; GENERAL INFORMATION:
; APPLICANT: Hasenier, Joel
; TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
; FILE REFERENCE: 0609_1090009
; CURRENT APPLICATION NUMBER: US/09/635,679B
; PRIORITY FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: 09-090,949
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 08/749,762
; PRIOR FILING DATE: 1996-11-20
; PRIOR APPLICATION NUMBER: 08/156,800
; PRIOR FILING DATE: 1993-11-23
; PRIOR APPLICATION NUMBER: 07/756,215
; PRIOR FILING DATE: 1991-09-05
; PRIOR APPLICATION NUMBER: 07/532,111
; PRIOR FILING DATE: 1990-06-01
; PRIOR FILING DATE: 1988-01-26
; PRIOR APPLICATION NUMBER: 06/859,928
; PRIOR FILING DATE: 1986-05-05
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 4
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: insulinotropic peptide

US-09-635-679B-4

Query Match 100.0%; Score 122; DB 5; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIWLVKG 24
Db 6 FTSDVSSYLEGQAAKEFIWLVKG 29

RESULT 14
US-10-485-140-1
Sequence 1, Application US/10485140
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
; TITLE OF INVENTION: EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
; FILE REFERENCE: 14014-0393P1
; CURRENT APPLICATION NUMBER: US/10/485,140
; CURRENT FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 60/309,076
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO: 1
; LENGTH: 30
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetically generated polypeptide

US-09-716-166-14

ORGANISM: Human
US-10-485-140-1

Query Match 100.0%; Score 122; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PTSDVSSYLEGQAKEFIAWLVRG 24
DB 6 FTSVYSSYLEGQAKEFIAWLVRG 29

RESULT 15

US-10-485-140-3

; Sequence 3, Application US/10485140

; GENERAL INFORMATION:

; APPLICANT: The Government of the United States of America, as represented by the

; Secretary, Department of Health and Human Services

; APPLICANT: Grig, Nigel H.

; APPLICANT: Bean, Josephine

; APPLICANT: Doyle, Maire

; APPLICANT: Holloway, Harold

; TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF

; FILE REFERENCE: 14014_0396P1

; CURRENT APPLICATION NUMBER: US/10/485,140

; PRIORITY NUMBER: 60/309,076

; PRIOR FILING DATE: 2004-01-27

; NUMBER OF SEQ ID NOS: 52

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 3

; LENGTH: 30

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: /Note =

; OTHER INFORMATION: Synthetic Construct

US-10-485-140-3

Query Match 100.0%; Score 122; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PTSDVSSYLEGQAKEFIAWLVRG 24
DB 6 FTSVYSSYLEGQAKEFIAWLVRG 29

Search completed: July 3, 2004, 00:47:43

Job time : 12.3292 secs

GenCore version 5.1.6
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OM protein - protein search, using SW model

Run on: July 3, 2004, 00:21:27 ; Search time 11.8571 Seconds
(without alignments)

100.142 Million cell updates/sec

Title: US-09-943-084-5

Perfect score: 116
Sequence: 1 PRTDVSSELEGQAAKPIAFLVK 23

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched:

389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters:

389414

Minimum DB seq length: 0

Maximum DB seq length: 20000000000

Post-processing: Maximum Match 0%
Listing first 45 summaries

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 4: /cgn2_6/pctodata/2/iaaa/6B_COMB.pep:
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 6: /cgn2_6/pctodata/2/iaaa/backfilest/pep:
 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB ID	Description
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2	116	100.0	28	1	US-09-297-731-9
3	116	100.0	28	3	US-09-470-220A-4
4	116	100.0	28	3	US-09-967-374-4
5	116	100.0	28	3	US-09-302-596-6
6	116	100.0	28	4	US-09-472-349-5
7	116	100.0	28	4	US-09-333-415-6
8	116	100.0	28	4	US-09-209-799D-8
9	116	100.0	28	4	US-09-505-991-4
10	116	100.0	28	4	US-09-303-016-6
11	116	100.0	28	4	US-09-212-663-5
12	116	100.0	28	4	US-09-614-847-125
13	116	100.0	28	4	US-09-997-792A-6
14	116	100.0	28	4	US-09-805-507-5
15	116	100.0	28	5	PCT-US95-10793-9
16	116	100.0	28	5	PCT-US95-15800-21
17	116	100.0	29	1	US-08-095-162-18
18	116	100.0	29	1	US-08-297-731-10
19	116	100.0	29	1	US-08-297-731-11
20	116	100.0	29	1	US-08-470-220A-18
21	116	100.0	29	3	US-08-967-374-18
22	116	100.0	29	3	US-09-302-596-5
23	116	100.0	29	3	US-08-472-349-4
24	116	100.0	29	4	US-09-333-415-5
25	116	100.0	29	4	US-09-209-799D-9
26	116	100.0	29	4	US-09-505-991-18
27	116	100.0	29	4	US-09-303-016-5

ALIGNMENTS

RESULT 1
US-09-095-162-4
; Sequence 4, Application US/08095162
; Patent No. 5512459
; GENERAL INFORMATION:
; APPLICANT: Wagner, Fred W.
; ATTORNEY/AGENT INFORMATION:
; APPLICANT: Stout, Jay
; APPLICANT: Henriksen, Dennis
; APPLICANT: Partridge, Bruce
; APPLICANT: Manning, Shane
; TITLE OF INVENTION: Enzymatic Method for Modification of Recombinant Polypeptides
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 3100 No. 5512459west Center
; CITY: Minneapolis
; STATE: MN USA
; COUNTRY: USA
; ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/095,162
FILING DATE: 20-JUL-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Nelson, Albin J.
REGISTRATION NUMBER: 28,659
REFERENCE/DOCKET NUMBER: 8648.32-US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-53300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE: GLP1 (7-34)
CLONE: GLP1 (7-34)
US-09-095-162-4

Query Match 100.0%; Score 116; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSVDVSYLGGQAKKEPIFLWVK 23
Db 6 FTSVDVSYLGGQAKKEPIFLWVK 28

RESULT 2

US-08-297-731-9
Sequence 9, Application US/08297731
Patent No. 5574008

GENERAL INFORMATION:

APPLICANT: Johnson, William T.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company/RSM

STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA

CLASSIFICATION:

212F; 46285

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/470,220A

FILING DATE: 06-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/095,162

FILING DATE: 20-JUL-1993

ATTORNEY/AGENT INFORMATION:

NAME: Nelson, Albin J.

REGISTRATION NUMBER: 2B, 659

REFERENCE/DOCKET NUMBER: 8648..32-US01

TELECOMMUNICATION INFORMATION:

TELEPHONE: 612-332-5300

TELEFAX: 612-332-9081

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 28 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

IMMEDIATE SOURCE:

CLONE: GLP1 [7-34]

US-08-470-220A-4

Query Match Score 116; DB 1; Length 28;

Best Local Similarity 100.0%; Pred. No. 1.8e-11;

Matches 23; Conservative 0; Mismatches 0;

Indels 0; Gaps 0;

RESULT 4

US-08-957-374-4

Sequence 4, Application US/08967374

Patent No. 6037443

GENERAL INFORMATION:

APPLICANT: Wagner, Fred W.

APPLICANT: Stout, Jay

APPLICANT: Henriksen, Dennis

APPLICANT: Partridge, Bruce

APPLICANT: Manning, Shane

TITLE OF INVENTION: Enzymatic Method for Modification of

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: Merchant, S. Gould

STREET: 3100 No. 603713west Center

CITY: Minneapolis

STATE: MN USA

ZIP: 55402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/967,374

FILING DATE:

Query Match Score 116; DB 1; Length 28;

Best Local Similarity 100.0%; Pred. No. 1.8e-11;

Matches 23; Conservative 0; Mismatches 0;

Indels 0; Gaps 0;

RESULT 3

US-08-470-220A-4

Sequence 4, Application US/08470220A

Patent No. 5707830

GENERAL INFORMATION:

APPLICANT: Wagner, Fred W.

APPLICANT: Stout, Jay

APPLICANT: Henriksen, Dennis

APPLICANT: Partridge, Bruce

APPLICANT: Manning, Shane

TITLE OF INVENTION: Enzymatic Method for Modification of

NUMBER OF SEQUENCES: 26

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/520,485
 FILING DATE: 29-AUG-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G.
 REFERENCE/DOCKET NUMBER: 35_093
 TELECOMMUNICATION INFORMATION:
 TELEFAX: 612-332-5300
 INFORMATION FOR SEQ ID NO: 4:
 LENGTH: 28 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 IMMEDIATE SOURCE:
 CLONE: GLP1 (7-34)
 US-08-967-374-4

Query Match 100.0% Score 116; DB 3; Length 28;
 Best Local Similarity 100.0% Pred. No. 1.8e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAFLVK 23
 Do 6 FTSDVSSYLEGQAKEFIAFLVK 28

RESULT 5
 US-09-302-596-6
 ; Sequence 6, Application US/09302596
 ; Patent No. 6284125
 ; GENERAL INFORMATION:
 ; APPLICANT: Coolidge, Thomas R.
 ; ATTORNEY: Ehlers, Mario R.W.
 ; TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of
 ; TITLE OF INVENTION: Ischemic and Reperfused Tissue
 ; FILE REFERENCE: P03660US1
 ; CURRENT APPLICATION NUMBER: US/09/302,596
 ; CURRENT FILING DATE: 1999-04-30
 ; PRIOR APPLICATION NUMBER: 60/103,498
 ; PRIOR FILING DATE: 1998-10-08
 ; NUMBER OF SEQ ID NOS: 13
 ; SOFTWARE: Patentin Ver. 2.0
 ; SEQ ID NO: 6
 ; LENGTH: 28
 ; TYPE: PRT
 ; ORGANISM: mammalian
 US-09-302-596-6

Query Match 100.0% Score 116; DB 3; Length 28;
 Best Local Similarity 100.0% Pred. No. 1.8e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAFLVK 23
 Db 4 FTSDVSSYLEGQAKEFIAFLVK 26

RESULT 6
 US-08-472-349-5
 ; Sequence 5, Application US/08472349
 ; Patent No. 6284727
 ; GENERAL INFORMATION:
 ; APPLICANT: Kim, Yescock
 ; ATTORNEY: Lambert, William J.
 ; APPLICANT: Qi, Hong
 ; APPLICANT: Geoland, Robert A.
 ; APPLICANT: Geohagan, Kieran F.
 ; APPLICANT: Danny, Dennis E.
 ; TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/472,349
 FILING DATE: 08/08/2001
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: P08391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEFAX: (212)573-1939
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 INDIVIDUAL ISOLATE: N/A
 STRAIN: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP POSITION: N/A
 US-08-472-349-5

Query Match 100.0% Score 116; DB 3; Length 28;
 Best Local Similarity 100.0% Pred. No. 1.8e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAFLVK 23
 Db 6 FTSDVSSYLEGQAKEFIAFLVK 28

RESULT 7
 US-09-313-415-6
 ; Sequence 6, Application US/09333415
 ; Patent No. 6344180
 ; GENERAL INFORMATION:
 ; APPLICANT: Holst, Jens J.
 ; ATTORNEY: Vilbold, Tina
 ; TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
 ; FUNCTION AND THE PRESENCE OF THE CONDITION OF IGT AND
 ; TITLE OF INVENTION: Function and the Presence of the Condition of IGT and
 ; TITLE OF INVENTION: Type-II Diabetes
 ; FILE REFERENCE: P03987050
 ; CURRENT APPLICATION NUMBER: US/09/333,415

CURRENT FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO: 6
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-333-415-6

Query Match 100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 0;

Qy 1 FTSDVSYLEGQAKEFIAVLK 23
Db 4 FTSDVSYLEGQAKEFIAVLK 26

RESULT 8
; Sequence 8, Application US/09209799D
; Patent No. 6380357
; GENERAL INFORMATION:
; APPLICANT: Hermeling, Ronald
; ATTORNEY: Hoffmann, James Chakravarthy
; TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
; CURRENT APPLICATION NUMBER: US/09/209 799D
; FILE REFERENCE: X-10242
; CURRENT FILING DATE: 1998-12-11
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 8
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic construct

US-09-209-799D-8

Query Match 100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 0;

Qy 1 FTSDVSYLEGQAKEFIAVLK 23
Db 6 FTSDVSYLEGQAKEFIAVLK 28

RESULT 9
; Sequence 4, Application US/09505991
; Patent No. 640361
; GENERAL INFORMATION:
; APPLICANT: Wagner, Fred W.
; ATTORNEY: Stout, Jay
; Partridge, Bruce
; Manning, Shane
; Henriksen, Dennis
; STATE: MN
; CITY: Minneapolis
; ZIP: 55402
; COUNTRY: USA
; COMPUTER READABLE FORM:
; CORRESPONDENCE ADDRESSES:
; ADDRESS: Merchant & Gould
; STREET: 3100 No. 6403361west Center
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

NUMBER OF SEQUENCES: 26
TITLE OF INVENTION: Enzymatic Method for Modification of Recombinant Polypeptides

RESULTS 11
US-09-212-663-5
; Sequence 5, Application US/09212663
; Patent No. 6411834
; GENERAL INFORMATION:
; APPLICANT: DORMODY, Dan

APPLICANT: STOUT, Jay S.
 APPLICANT: STRYDON, Daniel J.
 APPLICANT: HOLMOUST, Barton
 APPLICANT: WAGNER, Fred W.
 TITLE OF INVENTION: ENZYMIC AMIDATION OF PEPTIDES
 FILE REFERENCE: 089187/0162
 CURRENT APPLICATION NUMBER: US/09/212,663
 CURRENT FILING DATE: 1998-12-16
 PRIOR APPLICATION NUMBER: US 60/107,311
 PRIOR FILING DATE: 1998-11-06
 NUMBER OF SEQ ID NOS: 25
 SEQ ID NO: 5
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Escherichia coli
 US-09-212-663-5

Query Match 100.0%; Score 116; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.8e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 1
 1 FTSDVSSYLEGQAAKEFIANLVK 23
 DB 6
 6 FTSDVSSYLEGQAAKEFIANLVK 28

RESULT 12
 US-09-614-847-125
 : Sequence 125, Application US/09614847
 : Patent No. 6528486
 : GENERAL INFORMATION:
 : APPLICANT: Larsen, Bjarne Due
 : APPLICANT: Mikkelsen, Jens Mollgaard
 : APPLICANT: Neve, Soren
 : TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
 : FILE REFERENCE: 55511(45487)
 : CURRENT APPLICATION NUMBER: US/09/614,847
 : CURRENT FILING DATE: 2000-07-12
 : PRIOR APPLICATION NUMBER: US 60/143,591
 : PRIOR FILING DATE: 1999-07-13
 : NUMBER OF SEQ ID NOS: 153
 : SOFTWARE: PatentIn Ver. 2.1
 : SEQ ID NO: 125
 : LENGTH: 28
 : TYPE: PRT
 : ORGANISM: Artificial Sequence
 : FEATURE:
 : OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
 : US-09-614-847-125

Query Match 100.0%; Score 116; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.8e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 SEQ ID NO: 1
 1 FTSDVSSYLEGQAAKEFIANLVK 23
 DB 4
 4 FTSDVSSYLEGQAAKEFIANLVK 26

RESULT 13
 US-09-997-792A-6
 : Sequence 6, Application US/09997792A
 : Patent No. 6555521
 : GENERAL INFORMATION:
 : APPLICANT: ELLI LILLY and COMPANY
 : TITLE OF INVENTION: Glucagon-Like Peptide-1 Crystals

: FILE REFERENCE: X-1022A
 : CURRENT APPLICATION NUMBER: US/09/997,792A
 : CURRENT FILING DATE: 2002-09-30
 : PRIOR APPLICATION NUMBER: US 60/069,728
 : PRIOR FILING DATE: 1997-12-16
 : NUMBER OF SEQ ID NOS: 25

SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic Construct
 US-09-997-792A-6
 Query Match 100.0%; Score 116; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.8e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 FTSDVSSYLEGQAAKEFIANLVK 23
 Db 6
 6 FTSDVSSYLEGQAAKEFIANLVK 28

RESULT 14
 US-09-805-507-6
 : Sequence 6, Application US/09805507
 : Patent No. 6579851
 : GENERAL INFORMATION:
 : APPLICANT: COOLIDGE, THOMAS R.
 : APPLICANT: EHRLERS, MARIO
 : TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROMES WITH GLP-1
 : FILE REFERENCE: 089187/0395
 : CURRENT APPLICATION NUMBER: US/09/805,507
 : CURRENT FILING DATE: 2001-03-14
 : PRIORITY: 089187/0395
 : PRIORITY FILING DATE: 2001-05-18
 : NUMBER OF SEQ ID NOS: 13
 : SOFTWARE: PatentIn Ver. 2.1
 : SEQ ID NO: 6
 : LENGTH: 28
 : TYPE: PRT
 : ORGANISM: Unknown Organism
 : FEATURE:
 : OTHER INFORMATION: Description of Unknown Organism: Truncated form
 : OTHER INFORMATION: of GLP-1
 : OTHER INFORMATION: of GLP-1
 : US-09-805-507-6

Query Match 100.0%; Score 116; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.8e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKEFIANLVK 23
 Db 4
 4 FTSDVSSYLEGQAAKEFIANLVK 26

RESULT 15
 PCT-US95-10793-9
 : Sequence 9, Application PC/TUS9510793
 : GENERAL INFORMATION:
 : APPLICANT: Johnson, William T.
 : APPLICANT: Yakubu-Madzu, Patima E.
 : TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
 : TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
 : NUMBER OF SEQUENCES: 13
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Eli Lilly and Company/RSM
 : STREET: Lilly Corporate Center
 : CITY: Indianapolis
 : STATE: IN
 : COUNTRY: USA
 : ZIP: 46285
 : COMPUTER READABLE FORM: Floppy disk
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: PatentIn Release #1.0, Version #1.25
 : CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/10793
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maciat, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-1664
TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Peptide
FEATURE:
NAME/KEY: Modified-site
LOCATION: 27..28
OTHER INFORMATION: /note= "C-terminal amide"
PCT-US95-10793-9

Query Match 100.0%; score 116; DB 5; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.BE-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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1 FTSDVSSYLEGQAAKETFIAMVVK 23
Db
4 FTSDVSSYLEGQAAKETFIAMVVK 26

Search completed: July 3, 2004, 00:28:48
Job time : 11.8571 secs

GenCore version 5.1.6
 Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: July 3, 2004, 00:26:03 ; Search time 33.2857 Seconds

(without alignments)
 215.093 Million cell updates/secTitle: US-09-943-084-5
 Perfect score: 116 Gapext 0.5

Sequence: 1 FTSDVSSYLEQQAAKEPIAWLK 23

Scoring table: BLOSUM62

Gapped 10.0 , Gapext 0.5

Searched: 1276540 seqs, 311283816 residues

Total number of hits satisfying chosen parameters:

1276540

Post-processing: Minimum Match 0%

Maximum Match 100%

Listings First 45 summaries

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Published Applications_AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	116	100.0	24	10 US-09-943-084-4	Sequence 4, Appli
3	116	100.0	26	10 US-09-943-084-2	Sequence 2, Appli
4	116	100.0	26	10 US-09-943-084-3	Sequence 3, Appli
5	116	100.0	28	9 US-09-951-738-6	Sequence 6, Appli
6	116	100.0	28	9 US-09-805-507-6	Sequence 6, Appli
7	116	100.0	28	9 US-09-859-804-6	Sequence 6, Appli
8	116	100.0	28	9 US-09-982-978-6	Sequence 6, Appli
9	116	100.0	28	9 US-09-953-621B-6	Sequence 6, Appli
10	116	100.0	28	10 US-09-997-792-8	Sequence 8, Appli
11	116	100.0	28	12 US-09-767-981-1	Sequence 1, Appli
12	116	100.0	28	12 US-09-762-607-2	Sequence 2, Appli
13	116	100.0	28	12 US-09-858-880-3	Sequence 3, Appli
14	116	100.0	28	14 US-10-169-657-6	Sequence 6, Appli
15	116	100.0	28	14 US-10-091-258-6	Sequence 6, Appli

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

RESULT 1
 US-09-943-084-5
 Sequence 5, Application US/09943084
 Publication No US20030050237A1
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 Lambert, William J.
 Qi, Hong
 Gelfand, Robert A.
 Geoghegan, Kieran F.
 Danley, Dennis B.
 TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943, 084
 FILING DATE: 31-Aug-2001
 CLASIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181, 655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31, 304
 REFERENCE/DOCKET NUMBER: PCB391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 573-1189

TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 5:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-943-084-5

Query Match 100.0%; Score 116; DB 10; Length 23;
Best Local Similarity 100.0%; Pred. No. 2.6e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAWLVK 23
Db 1 FTSDVSSYLEGQAKEFIAWLVK 23

RESULT 2
US-09-943-084-4
Sequence 4, Application US/09943084
Publication No. US20030050237A1
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
INFORMATION FOR SEQ ID NO: 4:
LENGTH: 29 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-943-084-4

Query Match 100.0%; Score 116; DB 10; Length 24;
Best Local Similarity 100.0%; Pred. No. 2.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAWLVK 23
Db 1 FTSDVSSYLEGQAKEFIAWLVK 23

RESULT 3
US-09-943-084-2
Sequence 2, Application US/09943084
Publication No. US20030050237A1
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 571-1189
 TELEFAX: (212) 573-1939
 TELEX: N/A

INFORMATION FOR SEQ ID NO: 2: BRISTICS:
 LENGTH: 31 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A

SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 US-09-943-084-2

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Best Local Similarity	100.0%	Pred. No. 3e-11;		
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Db	1	FTSDVSSYLEGQAKEFIAFLVK	23	

RESULT 4
 US-09-943-084-3
 Sequence 3, Application US/09943084
 Publication No US20030050237A1
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 Lambert, William J.
 Qiu, Hong
 Gelband, Robert A.
 Geoghegan, Kieran F.
 Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESS: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-1755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 21-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.

REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 573-1189
 TELEX: (212) 573-1939
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 3:
 LENGTH: 30 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A

SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 US-09-943-084-3

Query Match	100.0%	Score 116;	DB 10;	Length 26;
Best Local Similarity	100.0%	Pred. No. 3e-11;		
Matches	23;	Conservative 0;	Mismatches 0;	Indels 0;
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Db	2	FTSDVSSYLEGQAKEFIAFLVK	24	

RESULT 5
 US-09-851-738-6
 Sequence 6, Application US/09851738
 / Patent No. US2002005540A1
 / GENERAL INFORMATION:
 / APPLICANT: Coolidge, Thomas R.
 / APPLICANT: Bhlers, Mario R.W.
 / TITLE OF INVENTION: Metabolic Intervention with GIP-1 to Improve the Function of
 / Tissue
 / TITLE OF INVENTION: Ischemic and Reperfused Tissue
 / FILE REFERENCE: P03660US1
 / CURRENT APPLICATION NUMBER: US/09/851,738
 / PRIOR APPLICATION NUMBER: 2001-05-09
 / PRIOR FILING DATE: 1999-04-30
 / NUMBER OF SEQ ID NOS: 13
 / SOFTWARE: PatentIn Ver. 2.0
 / SEQ ID NO: 6
 / LENGTH: 28
 / TYPE: PPT
 / ORGANISM: mammalian
 US-09-851-738-6

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RESULT 6
 US-09-805-507-6


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; TYPE: PRT ; ORGANISM: Artificial Sequence
; FEATURE: ; OTHER INFORMATION: synthetic construct
US-09-997-792-8

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Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Gaps 0;
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Db 6 FTSDDVSSYLEGQAKEFIAWLVK 28

RESULT 11
US-09-767-981-1
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Sequence 1, Application US/09767981
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Publication No. US20010006943A1
;
GENERAL INFORMATION:
;
APPLICANT: Evind, Jensen
;
APPLICANT: Jorgensen, Klavs Holger
;
TITLE OF INVENTION: Protracted GLP-1 Compositions
;
FILE REFERENCE: 4343.211-US
;
CURRENT APPLICATION NUMBER: US/09/7767,981
;
CURRENT FILING DATE: 2001-01-23
;
PRIOR APPLICATION NUMBER: US 08/860,103
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PRIOR FILING DATE: 1997-06-17
;
PRIOR APPLICATION NUMBER: PA 1478/94
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PRIOR FILING DATE: 1994-12-23
;
PRIOR APPLICATION NUMBER: PCT/DK93/00263
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PRIOR FILING DATE: 1995-12-21
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NUMBER OF SEQ ID NOS: 1
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SEQ ID NO: 1
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SEQ ID NO: 1
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LENGTH: 28
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TYPE: PRT
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ORGANISM: Homo sapiens
US-09-767-981-1

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Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Gaps 0;
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Db 6 FTSDDVSSYLEGQAKEFIAWLVK 28

RESULT 12
US-09-772-607-2
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Sequence 2, Application US/09772607
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Publication No. US20010016643A1
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GENERAL INFORMATION:
;
APPLICANT: Jonasssen, Ib
;
APPLICANT: Havelund, Svend
;
APPLICANT: Hansen, Per Hertz
;
APPLICANT: Kurtzhals, Peter
;
APPLICANT: Halstrøm, John B.
;
TITLE OF INVENTION: Peptide Derivatives
;
FILE REFERENCE: 4409.214-US
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CURRENT APPLICATION NUMBER: US/09/772,607
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CURRENT FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 09/068,822
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PRIOR FILING DATE: 1998-05-14
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PRIOR APPLICATION NUMBER: PCT/DK96/00106
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PRIOR FILING DATE: 1996-03-18
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PRIOR APPLICATION NUMBER: DK 275/95
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PRIOR FILING DATE: 1995-03-18
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NUMBER OF SEQ ID NOS: 9
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SOFTWARE: FastSEQ for Windows Version 4.0
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SEQ ID NO: 2
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LENGTH: 28

RESULT 13
US-09-858-880-3
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Sequence 3, Application US/09858880
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Publication No. US20020061384A1
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GENERAL INFORMATION:
;
APPLICANT: Holmquist, Barton
;
APPLICANT: Dормадь, Daniel
;
TITLE OF INVENTION: Peptide Pharmaceutical Formulations
;
FILE REFERENCE: 1627.0202051
;
CURRENT APPLICATION NUMBER: US/09/858, 880
;
CURRENT FILING DATE: 2001-05-17
;
PRIOR APPLICATION NUMBER: US 60/205,377
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PRIOR FILING DATE: 2000-05-17
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PRIOR APPLICATION NUMBER: US 60/205,262
;
PRIOR FILING DATE: 2000-05-19
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SEQ ID NO: 3
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NUMBER OF SEQ ID NOS: 13
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SOFTWARE: PastSEQ for Windows Version 4.0
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LENGTH: 28
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TYPE: PRT
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ORGANISM: Artificial Sequence
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FEATURE:
US-09-858-880-3

Query Match 100.0%; Score 116; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Gaps 0;
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Db 6 FTSDDVSSYLEGQAKEFIAWLVK 28

RESULT 14
US-10-169-657-6
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Sequence 6, Application US/10169657
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Publication No. US20030060412A1
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GENERAL INFORMATION:
;
APPLICANT: Eli Lilly and Company
;
TITLE OF INVENTION: Process for Solubilizing Glucagon-Like Peptide 1 Compound
;
FILE REFERENCE: X-11708
;
CURRENT APPLICATION NUMBER: US/10/169, 657
;
PRIOR APPLICATION NUMBER: US 60/178,418
;
PRIOR FILING DATE: 2000-01-27
;
PRIOR APPLICATION NUMBER: US 60/224,058
;
PRIOR FILING DATE: 2000-08-09
;
NUMBER OF SEQ ID NOS: 36
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SOFTWARE: Patentin version 3.0
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SEQ ID NO: 6
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LENGTH: 28
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TYPE: PRT
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ORGANISM: Artificial Sequence
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FEATURE:
;
NAME/KEY: VARIANT

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i LOCATION: (1)..(18)
i OTHER INFORMATION: The last 3 amino acids of GLP-1 (7-37) are deleted
i US-10-169-557-6

Query Match Score 116; DB 14; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db ||||||| ||||| ||||| ||||| |||||
6 FTSDVSSYLEGQAAKEFIAWVK 28

RESULT 15
US-10-091-258-6
Sequence 6, Application US10091258
i Publication No US20030073626A1
GENERAL INFORMATION:
i APPLICANT: Coolidge, Thomas R
i TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
FILE REFERENCE: RGN-2
CURRENT APPLICATION NUMBER: US10/091,258
CURRENT FILING DATE: 2002-03-05
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
ORGANISM: mammalian
US-10-091-258-6

Query Match Score 116; DB 14; Length 28;
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Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db ||||||| ||||| ||||| ||||| |||||
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Search completed: July 3, 2004, 00:51:50
Job time : 33.2857 secs

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OM protein - Protein search, using SW model

Run on: July 3, 2004, 00:22:02 ; Search time 147.429 seconds
(without alignments)
152.272 Million cell updates/sec

Title: US-09-943-084-5

Perfect score: 116

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Gapext: 0.5

Searched: 6019581 seqs, 976053577 residues

Total number of hits satisfying chosen parameters: 6019581

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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3: 116 100.0 Sequence 2, Appli

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5: 116 100.0 Sequence 6, Appli

6: 116 100.0 Sequence 7, Appli

7: 116 100.0 Sequence 23, Appli

8: 116 100.0 Sequence 7, Appli

9: 116 100.0 Sequence 21, Appli

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44: 116 100.0 Sequence 8, Appli

45: 116 100.0 Sequence 4, Appli

ALIGNMENTS

RESULT 1
US-09-943-084-5
Sequence 5, Application US/099430984

GENERAL INFORMATION:

APPLICANT: Kim, Yesook

Lambert, William J.

Qi, Hong

Gelfand, Robert A.

Geoghegan, Kieran F.

Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pfizer Inc

STREET: 235 East 42nd Street, 20th Floor

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10017-7755

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 31-AUG-2001
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEFAX: (212)573-1939
 TELEX: N/A

INFORMATION FOR SEQ ID NO: 5:

LENGTH: 28 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOETHICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 5:
 US-09-943-084-5

Query Match Score 116; DB 24; Length 24;
 Best Local Similarity 100.0%; Pred. No. 6.9e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAAKPFLANLYK 23
 Db 1 FTSDVSSYLEGQAAKPFLANLYK 23

RESULT 2
 US-09-943-084-4
 Sequence 4, Application US/09943084
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 Lambert, William J.
 Qi, Hong
 Gelfand, Robert A.
 Geoghegan, Kieran F.
 Danley, Dennis B.

TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 31-AUG-2001
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEFAX: (212)573-1939
 TELEX: N/A

INFORMATION FOR SEQ ID NO: 4:

LENGTH: 29 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOETHICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 US-09-943-084-4

Query Match Score 116; DB 24; Length 24;
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 Db 1 FTSDVSSYLEGQAAKPFLAWVK 23

RESULT 3
 US-09-943-084-2
 Sequence 2, Application US/09943084
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 Lambert, William J.
 Qi, Hong
 Gelfand, Robert A.
 Geoghegan, Kieran F.
 Danley, Dennis B.

TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/943,084

FILING DATE: 31-Aug-2001

CLASSIFICATION: <Unknown>

PRIORITY INFORMATION:

APPLICATION NUMBER: US/08/181,655

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Sheyka, Robert F.

REGISTRATION NUMBER: 31,304

REFERENCE/DOCKET NUMBER: PC1391

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)573-1189

TELEFAX: (212)573-1939

TELETYPE: N/A

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE DESCRIPTION: ERISTICS:

LENGTH: 31 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Peptide

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: N-terminal

ORIGINAL SOURCE:

ORGANISM: N/A

STRAIN: N/A

INDIVIDUAL ISOLATE: N/A

HAPLOTYPE: N/A

CELL LINE: N/A

IMMEDIATE SOURCE:

LIBRARY: N/A

CLONE: N/A

POSITION IN GENOME:

CHROMOSOME/SEGMENT: N/A

MAP POSITION: N/A

UNITS: N/A

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-943-084-2

Query Match Score 100.0%; Pred. No. 8e-11; Length 26; Best Local Similarity 100.0%; Mismatches 0; Gaps 0; Matches 23; Conservate 0; Indels 0; Gaps 0;

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Db 1 FTSDVSSYLEGQAKAKEFLAWLK 23

RESULT 4
US-09-943-084-3

Sequence 3, Application US/09/943084

GENERAL INFORMATION:

APPLICANT: Kim, Yesok

Lambert, William J.

Qi, Hong

Geland, Robert A.

Geoghegan, Kieran F.

Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pfizer Inc

STREET: 215 East 42nd Street, 20th Floor

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10017-5755

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 31-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC1391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEFAX: (212)573-1939
 TELEX: (212)573-1939
 INFORMATION FOR SEQ ID NO: 3:
 LENGTH: 30 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 US-09-943-084-3

INFORMATION FOR SEQ ID NO: 4:
 LENGTH: 30 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 US-09-943-084-4

INFORMATION FOR SEQ ID NO: 5:
 LENGTH: 30 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 5:
 US-09-943-084-5

INFORMATION FOR SEQ ID NO: 6:
 LENGTH: 30 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP POSITION: N/A
 UNITS: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 6:
 US-09-943-084-6

QY 1 FTSDVSSYLEGQAAKEFIWLVK 23
 Db 4 FTSDVSSYLEGQAAKEFIWLVK 26

RESULT 6
 PCT-US02-25227-23
 Sequence 23; Application PC/TUS0225227
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation
 APPLICANT: Wadsworth, Samuel J.
 APPLICANT: Armentano, Donna
 APPLICANT: Gregory, Richard J.
 APPLICANT: Parsons, Geoffrey
 TITLE OF INVENTION: Methods of Treating Diabetes and Other
 FILE REFERENCE: 2478.2019062 PCT
 CURRENT APPLICATION NUMBER: PCT/US02/25227
 CURRENT FILING DATE: 2002-08-07
 PRIOR APPLICATION NUMBER: US 60/310,982
 PRIOR FILING DATE: 2001-08-08
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PastSeq for Windows Version 4.0
 SEQ ID NO: 23
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
 PCT-US02-25227-23

Query Match 100.0%; Score 116; DB 1; Length 28;
 Best Local Similarity 100.0%; Pred. No. 8.7e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIWLVK 23
 Db 6 FTSDVSSYLEGQAAKEFIWLVK 28

RESULT 7
 PCT-US03-26778-7
 Sequence 7; Application PC/TUS0326778
 GENERAL INFORMATION:
 APPLICANT: PRIORITY, Christopher P.
 APPLICANT: SADEGH, Homayoun
 APPLICANT: TURNER, Andrew J.
 TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
 FILE REFERENCE: 54710-5001-01-WO
 CURRENT APPLICATION NUMBER: PCT/US03/26818
 CURRENT FILING DATE: 2003-08-28
 PRIOR APPLICATION NUMBER: US 60/406,977
 PRIOR FILING DATE: 2002-08-30
 PRIOR APPLICATION NUMBER: US 10/378,094
 PRIOR FILING DATE: 2003-03-04
 NUMBER OF SEQ ID NOS: 90
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 7
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial sequence
 FEATURE:
 OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
 PCT-US03-26818-7

Query Match 100.0%; Score 116; DB 1; Length 28;
 Best Local Similarity 100.0%; Pred. No. 8.7e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIWLVK 23
 Db 6 FTSDVSSYLEGQAAKEFIWLVK 28

RESULT 8
 PCT-US03-26818-7
 Sequence 7; Application PC/TUS0326818
 GENERAL INFORMATION:
 APPLICANT: PRIORITY, Christopher P.
 APPLICANT: LAI, Char-Huei
 APPLICANT: SADEGH, Homayoun
 APPLICANT: TURNER, Andrew J.
 TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
 FILE REFERENCE: 54710-5001-01-WO
 CURRENT APPLICATION NUMBER: PCT/US03/26818
 CURRENT FILING DATE: 2003-08-28
 PRIOR APPLICATION NUMBER: US 60/406,977
 PRIOR FILING DATE: 2002-08-30
 PRIOR APPLICATION NUMBER: US 10/378,094
 PRIOR FILING DATE: 2003-03-04
 NUMBER OF SEQ ID NOS: 90
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 7
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial sequence
 FEATURE:
 OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
 PCT-US03-26818-7

Query Match 100.0%; Score 116; DB 1; Length 28;
 Best Local Similarity 100.0%; Pred. No. 8.7e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSSYLEGQAAKEFIWLVK 23
 Db 6 FTSDVSSYLEGQAAKEFIWLVK 28

RESULT 9
 US-07-899-073-5
 Sequence 5; Application US/07899073
 GENERAL INFORMATION:
 APPLICANT: Andrews, Glenn C.
 APPLICANT: Daumy, Gaston O.
 APPLICANT: Francoeur, Michael L.
 APPLICANT: Larson, Eric R.
 TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 STREET: Eastern Point Road
 CITY: Groton
 STATE: CT
 COUNTRY: USA
 ZIP: 06340
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 19920615
 FILING DATE: 07/899-073
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Benson, Gregg C.
 REGISTRATION NUMBER: 30,997
 REFERENCE/DOCKET NUMBER: PC816GCB
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (203) 441-4901
 TELEFAX: (203) 441-3221
 INFORMATION FOR SEQ ID NO: 5:

QY 1 FTSDVSSYLEGQAAKEFIWLVK 23

SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: Linear
 MOLECULE TYPE: Peptide
 US-07-899-073-5

Query Match 100.0%; Score 116; DB 3; Length 28;
 Best Local Similarity 100.0%; Pred. No. 8.7e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEPIFLWVK 23
 Db 6 FTSDVSSYLEGQAKEPIFLWVK 28

RESULT 10
 US-08-044-133-5
 Sequence 5, Application US/08044133
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 APPLICANT: Lambert, William J.
 APPLICANT: Qi, Hong
 APPLICANT: Gelland, Robert A.
 APPLICANT: Geoghegan, Kieran F.
 APPLICANT: Danley, Dennis E.
 TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 STREET: Pfizer Inc
 CITY: 235 East 42nd Street, 20th Floor
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10016-5755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/044.133
 FILING DATE: 07-APR-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Shevky, Robert F.
 REFERENCE/DOCKET NUMBER: PCB391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEX: (212)573-1939
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 ORGANISM: -N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A

; MAP POSITION: N/A
 ; US-08-044-133-5
 ; Query Match 100.0%; Score 116; DB 4; Length 28;
 ; Best Local Similarity 100.0%; Pred. No. 8.7e-11;
 ; Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 ;
 ; RESULT 11
 ; US-08-350-530A-21
 ; Sequence 21, Application US/08350530A
 ; GENERAL INFORMATION:
 ; APPLICANT: Partridge, Bruce
 ; APPLICANT: Scout, Jay
 ; APPLICANT: Henriksen, Dennis
 ; APPLICANT: Manning, Shane
 ; APPLICANT: De La Motta, Rebecca
 ; APPLICANT: Holmquist, Barton
 ; APPLICANT: Wagner, Fred
 ; TITLE OF INVENTION: PRODUCTION OF PEPTIDE USING RECOMBINANT
 ; NUMBER OF SEQUENCES: 33
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merchant & Gould
 ; STREET: 3100 North West Center, 90 S. 7th Street
 ; CITY: Minneapolis
 ; STATE: MN
 ; COUNTRY: U.S.A.
 ; ZIP: 55402
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSBQ Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/150,530A
 ; FILING DATE: 07-DB-1994
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Carter, Charles G.
 ; REGISTRATION NUMBER: 35,093
 ; REFERENCE/DOCKET NUMBER: 8648.45US01
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 612/332-5300
 ; TELEX: 612/332-9081
 ; TELEFAX:
 ; INFORMATION FOR SEQ ID NO: 21:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 28 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: Peptide
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; FRAGMENT TYPE: internal
 ; ORIGINAL SOURCE:
 ; US-08-350-530A-21
 ; Query Match 100.0%; Score 116; DB 7; Length 28;
 ; Best Local Similarity 100.0%; Pred. No. 8.7e-11;
 ; Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 ;
 ; Qy 1 FTSDVSSYLEGQAKEPIFLWVK 23
 ; Db 6 FTSDVSSYLEGQAKEPIFLWVK 28

RESULT 12 2-231-5
 US-08-356-231-5 Application US/08356231
 GENERAL INFORMATION:
 APPLICANT: Andrews, Glenn C.
 APPLICANT: Daumy, Gaston O.
 APPLICANT: Francoeur, Michael L.
 APPLICANT: Larson, Eric R.
 APPLICANT: Pfizer Inc, (Non-US)
 TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
 TITLE OF INVENTION: DERIVATIVES
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Gregg C. Benson, Pfizer Inc
 STREET: Eastern Point Road
 CITY: Groton
 STATE: CT
 COUNTRY: USA
 ZIP: 06340
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC Compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/356,231
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/899,073
 FILING DATE: 15-JUN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Benson, Gregg C.
 REGISTRATION NUMBER: 3,0,997
 REFERENCE/DOCKET NUMBER: PC8156AGCB
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (203) 441-5221
 TELEFAX: (203) 441-5901
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 US-08-356-231-5

Query Match 100.0%; Score 116; DB 7; Length 28;
 Best Local Similarity 100.0%; Pred. No. 8.7e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSVYLEGQAKKEFTAWLYK 23
 Db 6 FTSDVSSVYLEGQAKKEFTAWLYK 28

RESULT 13
 US-08-520-185-4
 Sequence 4, Application US/08520485
 GENERAL INFORMATION:
 APPLICANT: Wagner, Fred W.
 APPLICANT: Stott, Jay
 APPLICANT: Henriksen, Dennis
 APPLICANT: Partridge, Bruce
 APPLICANT: Manning, Shane
 TITLE OF INVENTION: Enzymatic Method for Modification of
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Merchant & Gould
 STREET: 3100 Northwest Center
 CITY: Minneapolis
 STATE: MN

Query Match 100.0%; Score 116; DB 7; Length 28;
 Best Local Similarity 100.0%; Pred. No. 8.7e-11;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSVYLEGQAKKEFTAWLYK 23
 Db 6 FTSDVSSVYLEGQAKKEFTAWLYK 28

RESULT 14
 US-08-860-103-1
 Sequence 1, Application US/08860103
 GENERAL INFORMATION:
 APPLICANT: Jensen, Ejvind
 APPLICANT: Jorgensen, Klavs
 TITLE OF INVENTION: Protracted GLP-1
 Compositions
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Novo Nordisk of North America, Inc.
 STREET: 405 Lexington Avenue - 64ht Fl.
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10017
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/860,103
 FILING DATE: 17-JUN-1997
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/DK95/00516
 FILING DATE: 21-DEC-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Lambiris, Elias J.
 REGISTRATION NUMBER: 33,728
 REFERENCE/DOCKET NUMBER: 4343,204-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-878-9652
 INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-860-103-1

Query Match Score 100.0%; Score 116; DB 12; Length 28;
 Best Local Similarity 100.0%; Pred. No. 8.7e-11; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAWLVK 23
 Db 6 FTSDVSSYLEGQAKEFIAWLVK 28

RESULT 15

US-08-860-103A-1

Sequence 1, Application US/08860103A

GENERAL INFORMATION:
 APPLICANT: Jensen, Bjørnind
 JØRGENSEN, Klavs
 TITLE OF INVENTION: Protracted GLP-1
 NUMBER OF INVENTION: Compositions
 NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:
 ADDRESS: Nove Nordisk of North America, Inc.
 STREET: 405 Lexington Avenue - 64th Fl.
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10017

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/860,103A
 FILING DATE: 17-JUN-1997
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/DK95/00516
 FILING DATE: 21-DEC-1995
 ATTORNEY / AGENT INFORMATION:
 NAME: Rosek, Carol E.
 REGISTRATION NUMBER: 36 993
 REFERENCE/DOCKET NUMBER: 4343.204-US

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-878-9652
 TELEFAX: 212-878-9655

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-860-103A-1

Query Match Score 100.0%; Score 116; DB 12; Length 28;
 Best Local Similarity 100.0%; Pred. No. 8.7e-11; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAWLVK 23
 Db 6 FTSDVSSYLEGQAKEFIAWLVK 28

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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:25:27 ; Search time 10:8571 seconds
(without alignment)

1:05.442 Million cell updates/sec

Title: US-09-943-084-5
Perfect score: 116
Sequence: 1 FTSDVSYLQQAKEFIAWLYK 23

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 327902 seqs, 49773865 residues

Total number of hits satisfying chosen parameters: 327902

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending Patents AA_New:*

1: /cgn2_6/prodata/2/paa/us07_new_comb.pep:*

2: /cgn2_6/prodata/2/paa/us06_new_comb.pep:*

3: /cgn2_6/prodata/2/paa/us07_new_comb.pep:*

4: /cgn2_6/prodata/2/paa/us08_new_comb.pep:*

5: /cgn2_6/prodata/2/paa/us09_new_comb.pep:*

6: /cgn2_6/prodata/2/paa/us10_new_comb.pep:*

7: /cgn2_6/prodata/2/paa/us60_new_comb.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the total score distribution, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	116	100.0	28	6	US-10-291-226A-125	Sequence 125, App
2	116	100.0	28	6	US-10-716-326-23	Sequence 23, App
3	116	100.0	28	6	US-10-715-376-23	Sequence 7, App
4	116	100.0	28	7	US-60-549-567-7	Sequence 24, App
5	116	100.0	29	6	US-10-716-326-24	Sequence 24, App
6	116	100.0	29	6	US-10-715-916-24	Sequence 8, App
7	116	100.0	29	7	US-60-549-567-8	Sequence 1, App
8	116	100.0	30	1	PCT-US04-04421-1	Sequence 2, App
9	116	100.0	30	1	PCT-US04-04421-2	Sequence 5, App
10	116	100.0	30	1	PCT-US04-04421-5	Sequence 6, App
11	116	100.0	30	1	PCT-US04-04421-6	Sequence 7, App
12	116	100.0	30	1	PCT-US04-04421-7	Sequence 55, App
13	116	100.0	30	1	PCT-US04-04421-15	Sequence 56, App
14	116	100.0	30	1	PCT-US04-04421-16	Sequence 57, App
15	116	100.0	30	1	PCT-US04-04421-57	Sequence 58, App
16	116	100.0	30	1	PCT-US04-04421-58	Sequence 111, App
17	116	100.0	30	1	PCT-US04-04421-111	Sequence 112, App
18	116	100.0	30	1	PCT-US04-04421-112	Sequence 155, App
19	116	100.0	30	1	PCT-US04-04421-154	Sequence 156, App
20	116	100.0	30	1	PCT-US04-04421-155	Sequence 234, App
21	116	100.0	30	1	PCT-US04-04421-156	Sequence 235, App
22	116	100.0	30	1	PCT-US04-04421-234	Sequence 236, App
23	116	100.0	30	1	PCT-US04-04421-235	Sequence 237, App
24	116	100.0	30	1	PCT-US04-04421-236	Sequence 344, App
25	116	100.0	30	1	PCT-US04-04421-237	
26	116	100.0	30	1	PCT-US04-04421-344	

ALIGNMENTS

RESULT 1
US-10-291-226A-125
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; INVENTOR: Mikkelsen, Jens Mollgaard
; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REFERENCE: 55511 (4447)
; CURRENT APPLICATION NUMBER: US-10/291-226A
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: US 60/143,591
; PRIOR FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)

US-10-291-226A-125
Query Match 100.0%; Score 116; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.9e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 FTSDVSYLQQAKEFIAWLYK 23
Db 4 FTSDVSYLQQAKEFIAWLYK 26

RESULT 2
US-10-716-326-23
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; INVENTOR: Wadsworth, Samuel
; FILE REFERENCE: 5052CIP
; CURRENT APPLICATION NUMBER: US-10/716,326
; CURRENT FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 60/215,272
; PRIOR FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/7310,982
; PRIOR FILING DATE: 2001-08-08
; PRIOR FILING DATE: 2001-08-08

NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 23
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
 US-10-716-326-23

Query Match 100.0%; Score 116; DB 6; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.9e-10;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDDVSSYLEGQQAKEFIAFLVK 23
 Db 6 FTSDDVSSYLEGQQAKEFIAFLVK 28

RESULT 3
 US-10-715-976-23
 Sequence 23, Application US/10715976
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation
 APPLICANT: Wadsworth, Samuel
 APPLICANT: Armentano, Donna
 APPLICANT: Parsons, Geoffrey J.
 APPLICANT: Gregory, Richard J.
 TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
 FILE REFERENCE: 5121
 CURRENT APPLICATION NUMBER: US/10/715,976
 CURRENT FILING DATE: 2003-11-17
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 23
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
 US-10-715-976-23

Query Match 100.0%; Score 116; DB 6; Length 28;
 Best Local Similarity 100.0%; Pred. No. 1.9e-10;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDDVSSYLEGQQAKEFIAFLVK 23
 Db 6 FTSDDVSSYLEGQQAKEFIAFLVK 28

RESULT 4
 US-60-549-567-7
 Sequence 7, Application US/60549567
 GENERAL INFORMATION:
 APPLICANT: SADIGHI, Homayoun
 APPLICANT: TURNER, Andrew J.
 APPLICANT: Ballance, David J.
 TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
 FILE REFERENCE: 54710-5011-PR
 CURRENT APPLICATION NUMBER: US/60/549,567
 CURRENT FILING DATE: 2004-03-04
 PRIOR APPLICATION NUMBER: US 60/315,745
 PRIOR FILING DATE: 2001-08-30
 PRIOR APPLICATION NUMBER: US 60/334,059
 PRIOR FILING DATE: 2001-11-30
 PRIOR APPLICATION NUMBER: US 10/231,494
 PRIOR FILING DATE: 2002-08-30
 PRIOR APPLICATION NUMBER: US 60/406,977
 PRIOR FILING DATE: 2002-08-30
 PRIOR APPLICATION NUMBER: PCT/US03/26818
 NUMBER OF SEQ ID NOS: 128

RESULT 5
 US-10-716-326-24
 Sequence 24, Application US/10716326
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation
 APPLICANT: Wadsworth, Samuel
 APPLICANT: Armentano, Donna
 APPLICANT: Parsons, Geoffrey J.
 APPLICANT: Parsons, Geoffrey J.
 TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
 FILE REFERENCE: 5062CIP
 CURRENT APPLICATION NUMBER: US/10/716,326
 CURRENT FILING DATE: 2003-11-17
 PRIOR APPLICATION NUMBER: US 10/215,272
 PRIOR FILING DATE: 2002-08-07
 PRIOR APPLICATION NUMBER: US 60/310,982
 PRIOR FILING DATE: 2001-08-08
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 24
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)

Query Match 100.0%; Score 116; DB 6; Length 29;
 Best Local Similarity 100.0%; Pred. No. 2e-10;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDDVSSYLEGQQAKEFIAFLVK 23
 Db 6 FTSDDVSSYLEGQQAKEFIAFLVK 28

RESULT 6
 US-10-715-976-24
 Sequence 24, Application US/10715976
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation
 APPLICANT: Wadsworth, Samuel
 APPLICANT: Armentano, Donna
 APPLICANT: Parsons, Geoffrey J.
 APPLICANT: Parsons, Geoffrey J.
 TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
 FILE REFERENCE: 5121
 CURRENT APPLICATION NUMBER: US/10/715,976
 CURRENT FILING DATE: 2003-11-17
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 24
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-115-976-24

Query Match Score 116; DB 6; Length 29;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAFLVK 23
Db 6 FTSDVSSYLEGQAKEFIAFLVK 28

RESULT 7
US-60-549-567-8
Sequence 8, Application US/60549567
GENERAL INFORMATION:
APPLICANT: SADEGHY, Homayoun
APPLICANT: TURNER, Andrew J.
TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
FILE REFERENCE: 5410-5010-PR

CURRENT APPLICATION NUMBER: US/60/549,567
CURRENT FILING DATE: 2004-03-04
PRIOR APPLICATION NUMBER: US 60/315,745
PRIOR FILING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: US 60/334,059
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: US 10/231,494
PRIOR FILING DATE: 2002-06-30
PRIOR APPLICATION NUMBER: US 60/406,977
PRIOR FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: PCT/US03/26818
PRIOR FILING DATE: 2003-08-28
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 8
TYPE: PRT
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
US-60-549-567-8

Query Match Score 116; DB 7; Length 29;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAKEFIAFLVK 23
Db 6 FTSDVSSYLEGQAKEFIAFLVK 28

RESULT 8
PCT-US04-04421-1
Sequence 1, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: DONG, ZHENG ZIN
TITLE OF INVENTION: ANALOGUES OF GLP-1
FILE REFERENCE: 129P-PCT2
CURRENT APPLICATION NUMBER: PCT/US04/04421
CURRENT FILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
PRIOR APPLICATION NUMBER: 60/449,203
SEQ ID NO: 1
SOFTWARE: PatentIn version 3.2
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic modified hGLP-1
US-10-115-976-24

Query Match Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAACEFIAMLVK 23
Db 6 FTSDVSSYLEGQAACEFIAMLVK 28

RESULT 9
PCT-US04-04421-2
Sequence 2, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIFIQUES, S.A.S
APPLICANT: DONG, ZHENG ZIN
TITLE OF INVENTION: ANALOGUES OF GLP-1
FILE REFERENCE: 129P-PCT2
CURRENT APPLICATION NUMBER: PCT/US04/04421
CURRENT FILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
PRIOR APPLICATION NUMBER: 60/449,203
PRIOR FILING DATE: 2003-02-19
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 2
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence
OTHER INFORMATION: Synthetic modified hGLP-1
US-10-115-976-24

Query Match Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTSDVSSYLEGQAACEFIAMLVK 23
Db 6 FTSDVSSYLEGQAACEFIAMLVK 28

RESULT 10
PCT-US04-04421-5
Sequence 5, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIFIQUES, S.A.S
APPLICANT: DONG, ZHENG ZIN

TITLE OF INVENTION: ANALOGUES OF GLP-1
FILE REFERENCE: 129P-PCT2
CURRENT APPLICATION NUMBER: PCT/US04/04421
CURRENT FILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
PRIOR APPLICATION NUMBER: 60/449,203
PRIOR FILING DATE: 2003-02-19
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 5
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
OTHER INFORMATION: Peptide
FEATURE:
NAME/KEY: MOD_RES
LOCATION: (29)..(29)
OTHER INFORMATION: A6C
FEATURE:
OTHER INFORMATION: c-term amidation
PCT-US04-04421-5

Query Match 100.0%; Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 0; Other INFORMATION: c-term amidation

Qy 1 PSDVSSYLEGQAKEFIAWVK 23
Db 6 PSDVSSYLEGQAKEFIAWVK 28

RESULT 11
PCT-US04-04421-6
Sequence 6, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIFIQUES, S.A.S
TITLE OF INVENTION: ANALOGUES OF GLP-1
FILE REFERENCE: 129P-PCT2
CURRENT APPLICATION NUMBER: PCT/US04/04421
CURRENT FILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
PRIOR APPLICATION NUMBER: 60/449,203
PRIOR FILING DATE: 2003-02-19
SOFTWARE: PatentIn version 3.2
SEQ ID NO: 6
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
OTHER INFORMATION: Peptide
NAME/KEY: MOD_RES
LOCATION: (29)..(29)
OTHER INFORMATION: A5C
FEATURE:
OTHER INFORMATION: c-term amidation
PCT-US04-04421-6

Query Match 100.0%; Score 116; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 2e-10; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 0; Other INFORMATION: c-term amidation

Qy 1 PSDVSSYLEGQAKEFIAWVK 23
Db 6 PSDVSSYLEGQAKEFIAWVK 28

RESULT 12
PCT-US04-04421-7

Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0; NAME/KEY: MOD RES
 LOCATION: (29)..(29)
 OTHER INFORMATION: Beta-Ala
 FEATURE:
 NAME/KEY: MOD RES
 LOCATION: (30)..(30)
 OTHER INFORMATION: D-Arg
 FEATURE:
 OTHER INFORMATION: c-term amidation
 PCT-US04-04421-57

Query Match 100.0%; Score 116; DB 1; Length 30;
 Best Local Similarity 100.0%; Pred. No. 2e-0;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 FTSDVSYLREQAAKEFIAMLVK 23
 Db 6 FTSDVSYLREQAAKEFIAMLVK 28

Search completed: July 3, 2004, 00:47:43
 Job time : 10.8571 secs

GENERAL INFORMATION
 APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
 APPLICANT: SCIENTIFIQUES, S.A.S
 APPLICANT: DONG, ZHENG ZIN
 TITLE OF INVENTION: ANALOGUES OF GLP-1
 CURRENT APPLICATION NUMBER: PCT/US04/04421
 CURRENT FILING DATE: 2004-02-17
 NUMBER OF SEQ ID NOS: 781
 PRIOR APPLICATION NUMBER: 60/449,203
 PRIOR FILING DATE: 2003-02-19
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 56
 LENGTH: 30
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
 FEATURE:
 OTHER INFORMATION: Peptide
 FEATURE:
 NAME/KEY: MOD RES
 LOCATION: (29)..(29)
 OTHER INFORMATION: Aib
 FEATURE:
 NAME/KEY: MOD RES
 LOCATION: (30)..(30)
 OTHER INFORMATION: D-Lys
 FEATURE:
 OTHER INFORMATION: c-term amidation
 PCT-US04-04421-56

Query Match 100.0%; Score 116; DB 1; Length 30;
 Best Local Similarity 100.0%; Pred. No. 2e-10;
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 FTSDVSYLREQAAKEFIAMLVK 23
 Db 6 FTSDVSYLREQAAKEFIAMLVK 28

RESULT 15
 PCT-US04-04421-57
 GENERAL INFORMATION
 APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
 APPLICANT: SCIENTIFIQUES, S.A.S
 APPLICANT: DONG, ZHENG ZIN
 TITLE OF INVENTION: ANALOGUES OF GLP-1
 CURRENT APPLICATION NUMBER: PCT/US04/04421
 CURRENT FILING DATE: 2004-02-17
 NUMBER OF SEQ ID NOS: 781
 PRIOR APPLICATION NUMBER: 60/449,203
 PRIOR FILING DATE: 2003-02-19
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO 57
 LENGTH: 30
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
 OTHER INFORMATION: peptide
 OTHER INFORMATION: peptide
 FEATURE:

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OM protein - protein search, using SW model

Run on: July 3, 2004, 00:21:27 ; Search time 13.9193 Seconds

{without alignments}

100.142 Million cell updates/sec

Title: US-09-943-084-7

Perfect score: 139

Sequence: 1 HAGGTPTSDVSYLGGQANKEPIAHLV 27

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /gn2_6/ptodata/2/iaa/5A_COMB.pep:*
- 2: /gn2_6/ptodata/2/iaa/5B_COMB.pep:*
- 3: /gn2_6/ptodata/2/iaa/6A_COMB.pep:*
- 4: /gn2_6/ptodata/2/iaa/6B_COMB.pep:*
- 5: /gn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
- 6: /gn2_6/ptodata/2/iaa/backfile.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	139	100.0	27	3	US-08-472-349-7	Sequence 7, Appli
2	139	100.0	28	1	US-08-094-162-4	Sequence 4, Appli
3	139	100.0	28	1	US-08-472-220A-4	Sequence 6, Appli
4	139	100.0	28	3	US-08-967-374-4	Sequence 4, Appli
5	139	100.0	28	3	US-08-915-918A-3	Sequence 3, Appli
6	139	100.0	28	3	US-08-472-349-5	Sequence 5, Appli
7	139	100.0	28	4	US-09-205-799D-B	Sequence 8, Appli
8	139	100.0	28	4	US-09-505-991-4	Sequence 4, Appli
9	139	100.0	28	4	US-09-212-663-5	Sequence 5, Appli
10	139	100.0	28	4	US-08-967-374-18	Sequence 6, Appli
11	139	100.0	28	4	US-09-992-792A-6	Sequence 2, Appli
12	139	100.0	28	4	PCT-US95-15800-21	Sequence 21, Appli
13	139	100.0	29	1	US-08-094-162-18	Sequence 18, Appli
14	139	100.0	29	1	US-08-472-220A-18	Sequence 18, Appli
15	139	100.0	29	4	US-09-505-991-18	Sequence 18, Appli
16	139	100.0	29	4	US-09-992-792A-3	Sequence 3, Appli
17	139	100.0	29	3	US-08-967-402A-3	Sequence 4, Appli
18	139	100.0	29	4	US-08-472-349-4	Sequence 3, Appli
19	139	100.0	29	4	US-09-205-799D-3	Sequence 9, Appli
20	139	100.0	29	4	US-09-505-991-9	Sequence 18, Appli
21	139	100.0	29	4	US-09-992-792A-3	Sequence 3, Appli
22	139	100.0	29	4	US-09-992-792A-7	Sequence 7, Appli
23	139	100.0	29	4	US-09-585-186A-3	Sequence 3, Appli
24	139	100.0	30	1	US-08-065-480-6	Sequence 6, Appli
25	139	100.0	30	1	US-08-094-162-1	Sequence 1, Appli
26	139	100.0	30	1	US-08-472-220A-1	Sequence 1, Appli
27	139	100.0	30	2	US-08-927-227-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1
US-08-472-349-7
; Sequence 7, Application US/08472349
; Patent No. 6384727
; GENERAL INFORMATION:
; APPLICANT: Kim, Yescok
; APPLICANT: Lambert, William J.
; APPLICANT: Qi, Hong
; APPLICANT: Geifland, Robert A.
; APPLICANT: Geoghegan, Kieran F.
; APPLICANT: Daniel, Dennis E.
; TITLE OF INVENTION: Prolonged Delivery of Peptides
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pfizer Inc
; STREET: 235 East 42nd street, 20th Floor
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10017-0755
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC DOS/MS DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,349
; FILING DATE: CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,655
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Shevka, Robert P.
; REGISTRATION NUMBER: 31,304
; TELEFAX: (212)573-1939
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 amino acids
; TYPE: amino acid
; STRANDBNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal

ORIGINAL SOURCE:
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME SEGMENT: N/A
MAP POSITION: N/A
US-08-472-349-7

Query Match 1 HAEQTFTSDVSSYLEGQAAKEFIANLV 27
Best Local Similarity 100.0%; Pred. No. 5.3e-14; Score 139; DB 3; Length 27;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 HAEQTFTSDVSSYLEGQAAKEFIANLV 27
1 HAEQTFTSDVSSYLEGQAAKEFIANLV 27

RESULT 2
US-08-095-1-162-4
Sequence 4, Application US/08095162
GENERAL INFORMATION:
APPLICANT: Wagner, Fred W.
PATENT NO.: 5512459
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of Recombinant Polypeptides
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 No. 5512459west Center
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,220A
FILING DATE: 0-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/095,162
FILING DATE: 20-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Nelson, Albin J.
REGISTRATION NUMBER: 28,659
REFERENCE DOCKET NUMBER: 8648-32-US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE: peptide
CLONE: GLP1 (7-34)
US-08-472-349-4

Query Match 100.0%; Score 139; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.1e-14; Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 HAEQTFTSDVSSYLEGQAAKEFIANLV 27
1 HAEQTFTSDVSSYLEGQAAKEFIANLV 27

RESULT 3
US-08-470-220A-4
Sequence 4, Application US/08470220A
GENERAL INFORMATION:
PATENT NO.: 5707826
APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of Recombinant Polypeptides
TITLE OF INVENTION: Recombinant Polypeptides
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 No. 5707826west Center
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,220A
FILING DATE: 0-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/095,162
FILING DATE: 20-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Nelson, Albin J.
REGISTRATION NUMBER: 28,659
REFERENCE DOCKET NUMBER: 8648-32-US01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE: peptide
CLONE: GLP1 (7-34)

Query Match 100.0%; Score 139; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.1e-14; Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 HAEQTFTSDVSSYLEGQAAKEFIANLV 27
1 HAEQTFTSDVSSYLEGQAAKEFIANLV 27

RESULT 4
US-08-167-374-4
Sequence 4, Application US/08967374
GENERAL INFORMATION:
PATENT NO.: 6031143
APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane

Query Match 100.0%; Score 139; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.1e-14; Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 HAEQTFTSDVSSYLEGQAAKEFIANLV 27
1 HAEQTFTSDVSSYLEGQAAKEFIANLV 27

US-08-095-1-162-4
Query Match 100.0%; Score 139; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.1e-14; Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

TITLE OF INVENTION: Enzymatic Method for Modification of Recombinant Polypeptides
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Merchant & Gould
 STREET: 3100 No. 603743west Center
 STATE: Minneapolis
 CITY: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA: US/08/967,374
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/520,485
 FILING DATE: 29-AUG-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G.
 REGISTRATION NUMBER: 35,093
 REFERENCE/DOCKET NUMBER: 8648.32-USD1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 612-332-5300
 TELEFAX: 612-332-5081
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 IMMEDIATE SOURCE: GLP1 (7-34)
 CLONE: GLP1 (7-34)

Query Match 100.0%; Score 139; DB 3; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-08-967-374-4

RESULT 5
 US-08-915-918A-3
 Sequence 3, Application US/08915918A
 Patent No. 627819
 GENERAL INFORMATION:
 APPLICANT: Efendic, Sud
 TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: NBC Tower, Gilson & Lione
 STREET: NBC Tower - Suite 3600, 455 N. Cityfront
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60611-5599

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/915,918A
 FILING DATE: 21-AUG-1997

CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Martin, Alice O.
 REGISTRATION NUMBER: 35,601
 REFERENCE/DOCKET NUMBER: 8792/28
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-321-4200
 TELEFAX: 312-321-4299
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-915-918A-3

Query Match 100.0%; Score 139; DB 3; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAGCTTSDVSSVLGQAQKEFIWLV 27
 Db 1 HAGCTTSDVSSVLGQAQKEFIWLV 27

RESULT 6
 US-08-472-349-5
 Sequence 5, Application US/08472349
 Patient No. 6284727
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 APPLICANT: Lambert, William J.
 APPLICANT: QI, Hong
 APPLICANT: Gelfand, Robert A.
 APPLICANT: Geoghegan, Kieran P.
 APPLICANT: Danley, Dennis B.
 TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESS: Pfizer Inc
 STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/472,349
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/472,349
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert P.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC8391
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEFAX: (212)573-1939
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide

HYPOTHETICAL: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONB: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP POSITION: N/A
 US-08-472-349-5

Query Match 100.0%; Score 139; DB 3; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGLFTSDVSSYLEGQAKEFIAFLV 27
 Db 1 HAEGLFTSDVSSYLEGQAKEFIAFLV 27

RESULT 7
 US-09-209-799D-8
 Sequence 8, Application US/09209799D
 Patent No. 6380357
 GENERAL INFORMATION:
 APPLICANT: Hermeling, Ronald
 APPLICANT: Hoffmann, James
 APPLICANT: Narasimhan, Chakravarthy
 TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
 FILE REFERENCE: X-10242
 CURRENT APPLICATION NUMBER: US/09/209,799D
 CURRENT FILING DATE: 1998-12-11
 NUMBER OF SEQ ID NOS: 29
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO: 8
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial
 FEATURE:
 OTHER INFORMATION: synthetic construct
 US-09-209-799D-8

Query Match 100.0%; Score 139; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGLFTSDVSSYLEGQAKEFIAFLV 27
 Db 1 HAEGLFTSDVSSYLEGQAKEFIAFLV 27

RESULT 8
 US-09-505-991-4
 Sequence 4, Application US/09505991
 Patent No. 6403361
 GENERAL INFORMATION:
 APPLICANT: Wagner, Fred W.
 APPLICANT: Stout, Jay
 APPLICANT: Dennis
 APPLICANT: Partridge, Bruce
 APPLICANT: Manning, Shane
 TITLE OF INVENTION: Enzymatic Method for Modification of Recombinant Polypeptides
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 ADDRESS: Merchant & Gould
 STREET: 3100 No. 6403361West Center

CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/505,991
 FILING DATE: 17-Feb-2000
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/520,485
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G.
 REGISTRATION NUMBER: 35,093
 REFERENCE/DOCKET NUMBER: 8648.32-USDI
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 612-332-5390
 TELEFAX: 612-332-0881
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 IMMEDIATE SOURCE:
 CLONE: GLP1 (7-34)
 US-09-505-991-4

Query Match 100.0%; Score 139; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGLFTSDVSSYLEGQAKEFIAFLV 27
 Db 1 HAEGLFTSDVSSYLEGQAKEFIAFLV 27

RESULT 9
 US-09-212-663-5
 Sequence 5, Application US/09212663
 Patent No. 6461834
 GENERAL INFORMATION:
 APPLICANT: DORMADY, Dan
 APPLICANT: STOUT, Jay S.
 APPLICANT: STRYDON, Daniel J.
 APPLICANT: HOLMOUST, Barton
 APPLICANT: WDRNER, Fred W.
 TITLE OF INVENTION: ENZYMATIC AMIDATION OF PEPTIDES
 FILE REFERENCE: 089187/0162
 CURRENT APPLICATION NUMBER: US/09/212,663
 CURRENT FILING DATE: 1998-12-16
 PRIOR APPLICATION NUMBER: US 60/107,311
 PRIOR FILING DATE: 1998-11-06
 NUMBER OF SEQ ID NOS: 25
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 5
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Escherichia coli
 US-09-212-663-5

Query Match 100.0%; Score 139; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGLFTSDVSSYLEGQAKEFIAFLV 27

Db 1 HAE GTFTSDVSSYLEGQA KAKEFI A WL V 27

RESULT 10
 US-09-997-792A-6
 Sequence 6, Application US/0997792A
 GENERAL INFORMATION:
 APPLICANT: ELLI LILLY and COMPANY
 TITLE OF INVENTION: Glucagon-Like Peptide-1 Crystals
 FILE REFERENCE: X-10242A
 CURRENT APPLICATION NUMBER: US/09/997-792A
 CURRENT FILING DATE: 2002-09-30
 PRIOR APPLICATION NUMBER: US 60/069,728
 PRIOR FILING DATE: 1997-12-16
 NUMBER OF SEQ ID NOS: 25
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 6
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial Sequence
 OTHER INFORMATION: Synthetic Construct
 US-09-997-792A-6

Query Match 100.0%; Score 139; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAE GTFTSDVSSYLEGQA KAKEFI A WL V 27
 Db 1 HAE GTFTSDVSSYLEGQA KAKEFI A WL V 27

RESULT 11
 US-10-170-301-2
 Sequence 2, Application US/10170301
 GENERAL INFORMATION:
 APPLICANT: Rinella, Joseph
 TITLE OF INVENTION: Protein Formulations
 FILE REFERENCE: X12473A
 CURRENT APPLICATION NUMBER: US/10/170,301
 CURRENT FILING DATE: 2002-06-12
 NUMBER OF SEQ ID NOS: 3
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 2
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: MISC_FEATURE
 LOCATION: (28) - (28)
 OTHER INFORMATION: Xaa = Lys or Lys-Gly

US-10-170-301-2

Query Match 100.0%; Score 139; DB 4; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAE GTFTSDVSSYLEGQA KAKEFI A WL V 27
 Db 1 HAE GTFTSDVSSYLEGQA KAKEFI A WL V 27

RESULT 12
 PCT-US95-15800-21
 Sequence 2, Application PC/US9515800
 GENERAL INFORMATION:
 APPLICANT: BioNebraska, Inc.
 TITLE OF INVENTION: PRODUCTION OF PEPTIDES USING RECOMBINANT PROTEIN CONSTRUCTS
 NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Merchant & Gould
 STREET: 3100 Norrest Center, 90 S. 7th Street
 CITY: Minneapolis
 STATE: MN
 COUNTRY: U.S.A.
 ZIP: 55402
 COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 MEDIUM TYPE: Diskette
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/15800
 FILING DATE: 07-DEC-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/350,530
 FILING DATE: 07-DEC-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G
 REGISTRATION NUMBER: 35,093
 REBERENCE/DOCKET NUMBER: 8648-45USNO
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 612/332-5100
 TELEFAX: 612/332-9081
 INFORMATION FOR SEQ ID NO 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 PCT-US95-15800-21

Query Match 100.0%; Score 139; DB 5; Length 28;
 Best Local Similarity 100.0%; Pred. No. 6.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAE GTFTSDVSSYLEGQA KAKEFI A WL V 27
 Db 1 HAE GTFTSDVSSYLEGQA KAKEFI A WL V 27

RESULT 13
 US-09-162-18
 Sequence 18, Application US/08095162
 Patent No. 5512459
 GENERAL INFORMATION:
 APPLICANT: Wagner, Fred W.
 APPLICANT: Stout, Jay
 APPLICANT: Henriksen, Dennis
 APPLICANT: Partridge, Bruce
 APPLICANT: Manning, Shane
 TITLE OF INVENTION: Enzymatic Method for Modification of Recombinant Polypeptides
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Merchant & Gould
 STREET: 3100 No. 5512459 West Center
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/095,162
 FILING DATE: 20-JUL-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Nelson, Albin J.
 REGISTRATION NUMBER: 28,659
 REPERENCE/DOCKET NUMBER: 8648.32-US01
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 612-332-5300
 TELEFAX: 612-332-9081
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 29 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-095-162-18

Query Match 100.0%; Score 139; DB 1; Length 29;
 Best Local Similarity 100.0%; Pred. No. 6.3e-14;
 Matches 27; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 HAEQTFTSDVSSYLEGQAKEPTAWLV 27
 Db 1 HAEQTFTSDVSSYLEGQAKEPTAWLV 27

RESULT 15
 US-08-967-374-18
 Sequence 18, Application US/08967374
 Patent No. 6037443
 GENERAL INFORMATION:
 APPLICANT: Wagner, Fred W.
 APPLICANT: Stout, Jay
 APPLICANT: Henriksen, Dennis
 APPLICANT: Partridge, Bruce
 APPLICANT: Manning, Shane
 TITLE OF INVENTION: Enzymatic Method for Modification of
 MOLECULES
 TITLE OF INVENTION: Recombinant Polypeptides
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Merchant & Gould
 STREET: 3100 No. 6037143west Center
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/967,374
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/520,485
 FILING DATE: 29-AUG-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G.
 REGISTRATION NUMBER: 35,093
 REFERENCE/DOCKET NUMBER: 8648.32-USD1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 612-332-5300
 TELEFAX: 612-332-9081
 INFORMATION FOR SEQ ID NO: 18:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 29 amino acids
 TYPE: imino acid
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 US - 08-967-374-18

Query Match 100.0%; Score 139; DB 3; Length 29;
 Best Local Similarity 100.0%; Pred. No. 6.3e-14;
 Matches 27; Conservative 0; Mismatches 0;
 Indels 0; Gaps 0;

Qy 1 HAEQTFTSDVSSYLEGQAKEPTAWLV 27
 Db 1 HAEQTFTSDVSSYLEGQAKEPTAWLV 27

Search completed: July 3, 2004, 00:28:48
 Job time : 13.9193 secs

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OM protein - protein search, using SW model

Run on: July 3, 2004, 00:26:08 ; Search time 39.0745 Seconds
215.093 Million cell updates/sec
(without alignments)

Title: US-09-943-084-7
Perfect score: 139
Sequence: 1 HAEQTFTSDVSYLQQAAKERTFLWV 27

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1276540 seqs., 31128816 residues

Total number of hits satisfying chosen parameters: 127540

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing First 45 summaries

Database : Published Applications AA:
1: /cgm2_6/ptodata/2/pubpaas/US07_PUBCOMB.pep:
2: /cgm2_6/ptodata/2/pubpaas/US07_PUBCOMB.pep:
3: /cgm2_6/ptodata/2/pubpaas/US06_PUBCOMB.pep:
4: /cgm2_6/ptodata/2/pubpaas/US06_PUBCOMB.pep:
5: /cgm2_6/ptodata/2/pubpaas/US07_NEW_PUBCOMB.pep:
6: /cgm2_6/ptodata/2/pubpaas/US07_ECTOS_PUBCOMB.pep:
7: /cgm2_6/ptodata/2/pubpaas/US08_NEW_PUBCOMB.pep:
8: /cgm2_6/ptodata/2/pubpaas/US08__PUBCOMB.pep:
9: /cgm2_6/ptodata/2/pubpaas/US09_A_PUBCOMB.pep:
10: /cgm2_6/ptodata/2/pubpaas/US09_S_PUBCOMB.pep:
11: /cgm2_6/ptodata/2/pubpaas/US09_C_PUBCOMB.pep:
12: /cgm2_6/ptodata/2/pubpaas/US09__NEW_PUBCOMB.pep:
13: /cgm2_6/ptodata/2/pubpaas/US10A_PUBCOMB.pep:
14: /cgm2_6/ptodata/2/pubpaas/US10B_PUBCOMB.pep:
15: /cgm2_6/ptodata/2/pubpaas/US10C_PUBCOMB.pep:
16: /cgm2_6/ptodata/2/pubpaas/US10D_PUBCOMB.pep:
17: /cgm2_6/ptodata/2/pubpaas/US60__NEW_PUBCOMB.pep:
18: /cgm2_6/ptodata/2/pubpaas/US60_PUBCOMB.pep:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	139	100.0	27	10	US-09-943-084-7
2	139	100.0	28	10	US-09-997-792-B
3	139	100.0	28	12	US-09-767-981-1
4	139	100.0	28	12	US-09-772-607-2
5	139	100.0	28	12	US-09-858-880-3
6	139	100.0	28	14	US-10-169-657-3
7	139	100.0	28	14	US-10-169-657-6
8	139	100.0	28	15	US-10-170-301-2
9	139	100.0	28	15	US-10-378-994-7
10	139	100.0	28	15	US-10-15-272-23
11	139	100.0	29	10	US-09-834-229A-3
12	139	100.0	29	10	US-09-997-792-3
13	139	100.0	29	10	US-09-997-792-9
14	139	100.0	29	14	US-10-169-557-7
15	139	100.0	29	15	US-10-378-094-8

RESULT 1
US-09-943-084-7
Sequence 7, Application US-09943-084-7
Publication No. US2003-005033TA1
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Geifhard, Robert A.
Geohgeah, Kieran P.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEER: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.2.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: PC8391
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 573-1189

PRIOR APPLICATION NUMBER: US 10/231,494
 PRIOR FILING DATE: 2002-08-30
 PRIOR APPLICATION NUMBER: US 60/334,059
 PRIOR FILING DATE: 2001-11-30
 PRIOR APPLICATION NUMBER: US 60/315,745
 PRIOR FILING DATE: 2001-08-30
 NUMBER OF SEQ ID NOS: 66
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 7
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial sequence
 FEATURE:
 OTHER INFORMATION: GLP-1 molecule having insulinotropic activity

US-10-378-094-7

Query Match	100.0%	Score 139;	DB 15;	Length 28;	
Best Local Similarity	100.0%	Pred. No. 2.5e-14;			
Matches	27;	Conservative	0;	Mismatches	0;
Qy	1	HAEQTFSDVSSYLEGGAAKETFLWV	27		
Db	1	HAEQTFSDVSSYLEGGAAKETFLWV	27		

RESULT 10
 US-10-215-272-23
 Sequence 23, Application US/10215272
 Publication No. US2004002464A1
 GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation
 APPLICANT: Wadsworth, Samuel C.
 APPLICANT: Armentano, Donna
 APPLICANT: Parsons, Geoffrey
 APPLICANT: Gregory, Richard J.
 TITLE OF INVENTION: Methods of Treating Diabetes and Other
 TITLE OF INVENTION: Blood Sugar Disorders
 FILE REFERENCE: 2018.201902 PCT
 CURRENT APPLICATION NUMBER: US/10/215,272
 CURRENT FILING DATE: 2002-08-07
 PRIOR APPLICATION NUMBER: US 60/310,982
 PRIOR FILING DATE: 2001-08-08
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: Fast-SBQ for Windows Version 4.0
 SEQ ID NO: 23
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)

US-10-215-272-23

Query Match	100.0%	Score 139;	DB 15;	Length 28;	
Best Local Similarity	100.0%	Pred. No. 2.5e-14;			
Matches	27;	Conservative	0;	Mismatches	0;
Qy	1	HAEQTFSDVSSYLEGGAAKETFLWV	27		
Db	1	HAEQTFSDVSSYLEGGAAKETFLWV	27		

RESULT 11
 US-09-834-229A-3
 Sequence 3, Application US/09834229A
 Publication No. US2003022823A1
 GENERAL INFORMATION:
 APPLICANT: Efedic, Sud
 TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF MYOCARDIAL INFARCTION
 FILE REFERENCE: X-10822A
 CURRENT APPLICATION NUMBER: US/09/834,229A
 CURRENT FILING DATE: 2001-04-12
 PRIOR APPLICATION NUMBER: US 08/915,918
 PRIOR FILING DATE: 1997-08-21

PRIOR APPLICATION NUMBER: US 06/024,980
 PRIOR FILING DATE: 1996-08-30
 NUMBER OF SEQ ID NOS: 6
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 3
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: synthetic construct
 NAME/KEY: MISC FEATURE
 LOCATION: (29) .. (29)
 OTHER INFORMATION: Xaa at position 29 is absent or Gly.

US-09-834-229A-3

Query Match	100.0%	Score 139;	DB 10;	Length 29;	
Best Local Similarity	100.0%	Pred. No. 2.6e-14;			
Matches	27;	Conservative	0;	Mismatches	0;
Qy	1	HAEQTFSDVSSYLEGGAAKETFLWV	27		
Db	1	HAEQTFSDVSSYLEGGAAKETFLWV	27		

RESULT 12
 US-09-997-792-3
 Sequence 3, Application US/09997792
 Publication No. US2003004464A1
 GENERAL INFORMATION:
 APPLICANT: Hermeling, Ronald
 APPLICANT: Hoffmann, James
 APPLICANT: Narasimhan, Chakravarthy
 TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
 FILE REFERENCE: X-1042
 CURRENT APPLICATION NUMBER: US/09/997,792
 CURRENT FILING DATE: 2001-11-30
 NUMBER OF SEQ ID NOS: 29
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO: 3
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: synthetic construct
 NAME/KEY: VARIANT
 LOCATION: (28) .. (28)
 OTHER INFORMATION: Xaa at position 29 is Lys or absent
 NAME/KEY: VARIANT
 LOCATION: (29) .. (29)
 OTHER INFORMATION: Xaa at position 29 is Gly or absent; and, if Xaa at position 28
 OTHER INFORMATION: absent, Xaa at position 29 must be absent

US-09-997-792-3

Query Match	100.0%	Score 139;	DB 10;	Length 29;	
Best Local Similarity	100.0%	Pred. No. 2.6e-14;			
Matches	27;	Conservative	0;	Mismatches	0;
Qy	1	HAEQTFSDVSSYLEGGAAKETFLWV	27		
Db	1	HAEQTFSDVSSYLEGGAAKETFLWV	27		

RESULT 13
 US-09-997-792-9
 Sequence 9, Application US/09997792
 Publication No. US20030045464A1
 GENERAL INFORMATION:
 APPLICANT: Hermeling, Ronald
 APPLICANT: Hoffmann, James
 APPLICANT: Narasimhan, Chakravarthy
 TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
 FILE REFERENCE: X-1042
 CURRENT APPLICATION NUMBER: US/09/997,792

CURRENT FILING DATE: 2001-11-30
 NUMBER OF SEQ ID NOS: 29
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO: 9
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: synthetic construct
 US-09-997-722-9

RESULT 14
 US-10-169-657-7
 Sequence 7, Application US/10169657
 Publication No. US200300041281
 GENERAL INFORMATION
 APPLICANT: Eli Lilly and Company
 TITLE OF INVENTION: Process for Solubilizing Glucagon-Like Peptide 1 Compounds
 FILE REFERENCE: X-11708

CURRENT FILING DATE: 2002-06-28
 PRIOR APPLICATION NUMBER: US 10/169,657
 PRIOR FILING DATE: 2000-01-27
 PRIOR APPLICATION NUMBER: US 60/224,058
 PRIOR FILING DATE: 2000-08-09
 NUMBER OF SEQ ID NOS: 36
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO: 7
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: synthetic construct
 NAME/KEY: VARIANT
 LOCATION: (1) .. (29)
 OTHER INFORMATION: The last 2 amino acids of GLP-1 (7-37) are deleted

US-10-169-657-7

Query Match 100.0%; Score 139; DB 14; Length 29;
 Best Local Similarity 100.0%; Pred. No. 2.6e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAE~~G~~FTSDVSS~~T~~LEGQA~~K~~EFTAWLV 27
 Db 1 HAE~~G~~FTSDVSS~~T~~LEGQA~~K~~EFTAWLV 27

RESULT 15
 US-10-378-094-8
 Sequence 8, Application US/10378094
 Publication No. US20030221201A1
 GENERAL INFORMATION
 APPLICANT: PRIOR, Christopher P.
 APPLICANT: LAI, Char-Rhei
 APPLICANT: SADEGH, Homayoun
 APPLICANT: TURNER, Andrew
 TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
 FILE REFERENCE: 5410-5001-01-US
 CURRENT APPLICATION NUMBER: US/10/378,094
 CURRENT FILING DATE: 2003-03-04
 PRIOR APPLICATION NUMBER: US 10/231,494
 PRIOR FILING DATE: 2002-08-30
 PRIOR APPLICATION NUMBER: US 60/334,059

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OM protein - protein search, using sw model

Run on: July 3, 2004, 00:22:02 ; Search time 173.068 Seconds

(without alignments)

152.272 Million cell updates/sec

Title: US-09-943-084-7

Perfect score: 139

Sequence: 1 HAEGTFTSDVSSYLEGQAAKEFIWLV 27

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 6019581 seqs, 976053577 residues

Total number of hits satisfying chosen parameters:

6019581

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Pending Patents AA Main:
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 32: /cgm2_6/ptodata/2/paa/us107 COMB.pep:*
 33: /cgm2_6/ptodata/2/paa/us60 COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	139	100.0	US-08-044-113-7
2	139	100.0	US-08-112-077-1
3	139	100.0	US-09-162-538-5
4	139	100.0	US-09-943-084-7
5	139	100.0	PCT-US02-25227-23
6	139	100.0	PCT-US03-26778-7
7	139	100.0	PCT-US03-26818-7
8	139	100.0	US-07-859-073-5
9	139	100.0	US-08-044-133-5
10	139	100.0	US-08-50A-21
11	139	100.0	US-08-556-231-5
12	139	100.0	US-08-550-485-4
13	139	100.0	US-08-860-103-1
14	139	100.0	US-08-860-103A-1
15	139	100.0	US-09-068-922-2
16	139	100.0	US-09-400-80A-2
17	139	100.0	US-09-400-802A-3
18	139	100.0	US-09-400-802A-34
19	139	100.0	US-09-508-083-1
20	139	100.0	US-10-162-538-4
21	139	100.0	US-09-767-081-1
22	139	100.0	US-09-772-077-2
23	139	100.0	US-09-772-077A-2
24	139	100.0	US-09-772-077C-2
25	139	100.0	US-09-858-080-3
26	139	100.0	US-10-169-657-3
27	139	100.0	US-10-169-657-6
28	139	100.0	US-10-215-272-23
29	139	100.0	US-10-378-094-7
30	139	100.0	US-10-160-203-4050
31	139	100.0	US-10-460-329-450
32	139	100.0	PCT-US03-25227-24
33	139	100.0	PCT-US03-26778-8
34	139	100.0	PCT-US03-26818-8
35	139	100.0	PCT-US03-26818-9
36	139	100.0	PCT-US03-26818-3
37	139	100.0	US-08-890-073-4
38	139	100.0	US-08-044-133-4
39	139	100.0	US-08-310-528-52
40	139	100.0	US-08-356-221-4
41	139	100.0	US-08-510-483-18
42	139	100.0	US-08-934-171-52
43	139	100.0	US-09-383-789B-2
44	139	100.0	US-09-400-802A-3
45	139	100.0	US-09-586-186-3

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Sequence 191, Appli

SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/044,133
 FILING DATE: 07-APR-1993
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert F.
 REGISTRATION NUMBER: 31,304
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEX: N/A
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 27 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: No
 ANTI-SENSE: No
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME/SEGMENT: N/A
 MAP POSITION: N/A
 US-08-044-133-7

Query Match Score 139; DB 4; Length 27;
 Best Local Similarity 100.0%; Pred. No. 7.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAKEFLWLY 27
 Db 1 HAEGTFTSDVSSYLEGQAKEFLWLY 27

RESULT 2
 US-08-122-077-1
 Sequence 1, Application US/08122077
 GENERAL INFORMATION:
 APPLICANT: J Frensen, Klaus H.
 APPLICANT: Balchmidt, Per
 APPLICANT: Ageb k, Hanne
 TITLE OF INVENTION: PROTRACTED GLP-1
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 STREET: 405 Lexington Avenue, Suite 6400
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10174-6001
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/122,077
 FILING DATE: 16-NOV-1993
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: DK 955/93

FILING DATE: 24-AUG-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Lambiris, Elias J.
 REGISTRATION NUMBER: 33,728
 REFERENCE/DOCKET NUMBER: 4058 200-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-867-0123
 TELEFAX: 212-867-0298
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 27 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-122-077-1

RESULT 3
 US-09-762-538-5
 Sequence 5, Application US/09762538
 GENERAL INFORMATION:
 APPLICANT: Riccardo Perfetti
 APPLICANT: Antonino Passaniti
 APPLICANT: Nigel Greig
 APPLICANT: Harold Holloway
 TITLE OF INVENTION: INSULIN PRODUCING CELLS DIFFERENTIATED FROM NON-INSULIN PRODUCING CELLS BY GLP-1 OR EXENDIN-4 AND FILE REFERENCE: 14014-0346P
 CURRENT APPLICATION NUMBER: US/09/762,538
 CURRENT FILING DATE: 2001-02-08
 PRIORITY: 1998-08-10
 NUMBER OF SEQ ID NOS: 25
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 5
 LENGTH: 27
 TYPE: PRT
 ORGANISM: Human
 US-09-762-538-5

Query Match Score 139; DB 22; Length 27;
 Best Local Similarity 100.0%; Pred. No. 7.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEGTFTSDVSSYLEGQAKEFLWLY 27
 Db 1 HAEGTFTSDVSSYLEGQAKEFLWLY 27

RESULT 4
 US-09-943-084-7
 Sequence 7, Application US/09943084
 GENERAL INFORMATION:
 APPLICANT: Kim, Yesook
 APPLICANT: Lambert, William J.
 APPLICANT: Qi, Hong
 APPLICANT: Gelfand, Robert A.
 APPLICANT: Geoghegan, Kieran F.
 APPLICANT: Danley, Dennis E.
 TITLE OF INVENTION: Prolonged Delivery of Peptides
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pfizer Inc

STREET: 235 East 42nd Street, 20th Floor
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10017-5755

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/943,084
 FILING DATE: 21-Aug-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/181,655
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheyka, Robert E.
 REGISTRATION NUMBER: 31,304
 REFERENCE/DOCKET NUMBER: PC3391

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212)573-1189
 TELEFAX: (212)573-1939
 TELEX: N/A

INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 27 amino acids
 TYPE: amino acid
 STRANDBNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: N-terminal
 ORIGINAL SOURCE:
 ORGANISM: N/A
 STRAIN: N/A
 INDIVIDUAL ISOLATE: N/A
 HAPLOTYPE: N/A
 CELL LINE: N/A
 IMMEDIATE SOURCE:
 LIBRARY: N/A
 CLONE: N/A
 POSITION IN GENOME:
 CHROMOSOME SEGMENT: N/A
 MAP POSITION: N/A
 SEQUENCE DESCRIPTION: SEQ ID NO: 7:
 US-09-943-084-7

Query Match 100.0%; Score 139; DB 24; Length 27;
 Best Local Similarity 100.0%; Pred. No. 7.1e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAGTFTSDVSSYLEGQAQAKPFIWLY 27
 Db 1 HAGTFTSDVSSYLEGQAQAKPFIWLY 27

RESULT 5
 PCT-US03-25227-23
 Sequence 23, Application PC/TUS0225227

GENERAL INFORMATION:
 APPLICANT: Genzyme Corporation
 APPLICANT: Redsworth, Samuel C.
 APPLICANT: Armentano, Donna
 APPLICANT: Parsons, Geoffrey J.
 APPLICANT: Parsons, Richard J.

TITLE OF INVENTION: Methods of Treating Diabetes and Other
 TITLE OF INVENTION: Blood Sugar Disorders
 FILE REFERENCE: 24:8-2019002 PCT
 CURRENT APPLICATION NUMBER: PCT/US02/25227
 CURRENT FILING DATE: 2002-08-07

PRIOR APPLICATION NUMBER: US 60/310,982
 PRIOR FILING DATE: 2001-08-08
 NUMBER OF SEQ ID NOS: 54

SEQ ID NO: 23
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
 PCT-US02-25227-23

Query Match 100.0%; Score 139; DB 1; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.4e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAGTFTSDVSSYLEGQAQAKPFIWLY 27
 Db 1 HAGTFTSDVSSYLEGQAQAKPFIWLY 27

RESULT 6
 PCT-US03-26778-7

Sequence 7, Application PC/TUS0326778

GENERAL INFORMATION:
 APPLICANT: PRIOR, Christopher P.
 APPLICANT: SADEGHI, Homayoun
 APPLICANT: TURNER, Andrew J.

TITLE OF INVENTION: ORAL DELIVERY OF MODIFIED TRANSFERRIN FUSION PROTEINS
 FILE REFERENCE: 54710-5006-WO
 CURRENT APPLICATION NUMBER: PCT/US03/26778

CURRENT FILING DATE: 2003-08-28
 PRIOR APPLICATION NUMBER: US 60/406,977
 PRIOR FILING DATE: 2002-08-30

PRIOR APPLICATION NUMBER: US 10/378,094
 PRIOR FILING DATE: 2003-03-04
 PRIOR APPLICATION NUMBER: US 60/460,829
 PRIOR FILING DATE: 2003-04-08

NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn version 3.2

SEQ ID NO: 7
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial sequence
 FEATURE:
 OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
 PCT-US03-26778-7

Query Match 100.0%; Score 139; DB 1; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.4e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAGTFTSDVSSYLEGQAQAKPFIWLY 27
 Db 1 HAGTFTSDVSSYLEGQAQAKPFIWLY 27

RESULT 7
 PCT-US03-26818-7

Sequence 7, Application PC/TUS0326818

GENERAL INFORMATION:
 APPLICANT: PRIOR, Christopher P.
 APPLICANT: LAI, Char-Huei
 APPLICANT: SADEGHI, Homayoun
 APPLICANT: TURNER, Andrew J.

TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
 FILE REFERENCE: 54710-5001-01-WO

CURRENT APPLICATION NUMBER: PCT/US03/26818

CURRENT FILING DATE: 2003-08-28
 PRIOR APPLICATION NUMBER: US 60/406,977
 PRIOR FILING DATE: 2002-08-30

PRIOR APPLICATION NUMBER: US 10/378,094
 PRIOR FILING DATE: 2003-03-04

NUMBER OF SEQ ID NOS: 90
; SEQ ID NO: 7
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
PCT-US03-26818-7

Query Match 100.0%; Score 139; DB 1; Length 28;

Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAE~~G~~FTSDVSSYLEQQAAKEPIANLV 27
Db 1 HAEG~~G~~FTSDVSSYLEQQAAKEPIANLV 27

RESULT 8
US-07-899-073-5
Sequence 5, Application US/07899073
GENERAL INFORMATION:
APPLICANT: Andrews, Glenn C.
APPLICANT: Daumy, Gaston O.
APPLICANT: Francocce, Michael L.
APPLICANT: Larson, Eric R.
TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
TITLE OF INVENTION: DERIVATIVES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gregg C. Benson, Pfizer Inc
CITY: Eastern Point Road
CITY: Groton
STATE: CT
COUNTRY: USA
ZIP: 06340
COMPUTER READABLE FORM:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/899,073
FILING DATE: 19920615
CLASSIFICATION: 514
ATTORNEY/ AGENT INFORMATION:
NAME: Benson, Gregg C.
REGISTRATION NUMBER: 3,0,997
REFERENCE/DOCKET NUMBER: PC8156GCCB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (203) 441-5221
TELEFAX: (203) 441-4901
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-899-073-5

Query Match 100.0%; Score 139; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HAE~~G~~FTSDVSSYLEQQAAKEPIANLV 27
Db 1 HAEG~~G~~FTSDVSSYLEQQAAKEPIANLV 27

RESULT 9
US-08-044-133-5
Sequence 5, Application US/08044133

RESULT 10
US-08-310-510A-21
Sequence 21, Application US/08350530A
GENERAL INFORMATION:
APPLICANT: Patridge, Bruce
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis

APPLICANT: Manning, Shane
 APPLICANT: De La Motta, Rebecca
 APPLICANT: Holmenist, Barton
 APPLICANT: Wagner, Fred
 TITLE OF INVENTION: PRODUCTION OF PEPTIDE USING RECOMBINANT
 TITLE OF INVENTION: FUSION PROTEIN CONSTRUCTS
 NUMBER OF SEQUENCES: 33
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Merchant & Gould
 STREET: 3100 Northwest Center, 90 S. 7th Street
 CITY: Minneapolis
 STATE: MN
 COUNTRY: U.S.A.
 ZIP: 55402
 COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: PassSBQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/350,530A
 FILING DATE: 07-DBC-1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G
 REGISTRATION NUMBER: 35,093
 REFERENCE/DOCKET NUMBER: 8648.45US01
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 612/332-5300
 TELEFAX: 612/332-9081
 INFORMATION FOR SEQ ID NO: 21:
 LENGTH: 28 amino acids
 TYPE: amino acid
 STRANDBEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCECB:
 US-08-350A-21

Query Match Score 139; DB 7; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.4e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAE^GTFTSDVSSYLEGQA^KEFLWV 27
 Db 1 HAE^GTFTSDVSSYLEGQA^KEFLWV 27

RESULT 11
 US-08-356-231-5
 Sequence 5, Application US/08356231
 GENERAL INFORMATION:
 APPLICANT: Andrews, Glenn C.
 APPLICANT: Daumy, Gaston O.
 APPLICANT: Francœur, Michael L.
 APPLICANT: Larson, Eric R.
 APPLICANT: Pfizer Inc, (Non US)
 TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
 TITLE OF INVENTION: DERIVATIVES
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Gregg C. Benson, Pfizer Inc
 STREET: Eastern Point Road
 CITY: Groton
 STATE: CT

COUNTRY: USA
 ZIP: 06340
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION NUMBER: US/08/356,231
 FILING DATE:
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/899,073
 FILING DATE: 15-JUN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Benson, Gregg C.
 REGISTRATION NUMBER: 30,997
 REFERENCE/DOCKET NUMBER: PC8156AGCB
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (203) 441-4901
 TELEFAX: (203) 441-5221
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-356-231-5

Query Match Score 139; DB 7; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.4e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAE^GTFTSDVSSYLEGQA^KEFLWV 27
 Db 1 HAE^GTFTSDVSSYLEGQA^KEFLWV 27

RESULT 12
 US-08-520-485-4
 Sequence 4, Application US/08520485
 GENERAL INFORMATION:
 APPLICANT: Wagner, Fred W.
 APPLICANT: Stout, Jay
 APPLICANT: Henriksen, Dennis
 APPLICANT: Partridge, Bruce
 APPLICANT: Manning, Shane
 TITLE OF INVENTION: Enzymatic Method for Modification of
 NUMBER OF SEQUENCES: 26
 CORRESPONDENCE ADDRESS:
 STREET: 3100 Northwest Center
 CITY: Minneapolis
 STATE: MN USA
 COUNTRY: USA
 ZIP: 55402
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION NUMBER: US/08/520,485
 FILING DATE: 29-AUG-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Carter, Charles G.
 REGISTRATION NUMBER: 35,093
 REFERENCE/DOCKET NUMBER: 8648.32-USD1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 612-332-5300
 TELEFAX: 612-332-9081
 INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acids
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 IMMEDIATE SOURCE: 2
 IM-CLOSE: GLP1 (7-34)
 US-08-520-185-4

Query Match 100.0%; Score 139; DB 9; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.4e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 HAEQTFSDVSSYLEGGAAKERTANLY 27
 1 HAEQTFSDVSSYLEGGAAKERTANLY 27

RESULT 13
 US-08-860-103-1
 GENERAL INFORMATION:
 APPLICANT: Jensen, Bjwind
 TITLE OF INVENTION: Protracted GLP-1
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 STREET: 405 Lexington Avenue - 64ht Fl.
 CITY: New York
 STATE: NY USA
 ZIP: 10017
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-08/860,103A
 FILING DATE: 17-JUN-1997
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/DK95/00516
 FILING DATE: 21-DEC-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Roza, Carol E.
 REGISTRATION NUMBER: 36,993
 REFERENCE/DOCKET NUMBER: 4343-204-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-878-9652
 TELEFAX: 212-878-9655
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 28 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-860-103A-1

Query Match 100.0%; Score 139; DB 12; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.4e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEQTFSDVSSYLEGGAAKERTANLY 27
 Db 1 HAEQTFSDVSSYLEGGAAKERTANLY 27

RESULT 15
 US-09-058-822-2
 GENERAL INFORMATION:
 APPLICANT: Jonassen, Ib
 TITLE OF INVENTION: Lipophilic Peptide Hormone Derivatives
 NUMBER OF SEQUENCES: 2, Application US/09068822
 FILE REFERENCE: 4409 200-US
 CURRENT APPLICATION NUMBER: US/09/068, 822
 CURRENT FILING DATE: 1998-05-14
 PRIOR APPLICATION NUMBER: PCT/DK96/00106
 PRIOR FILING DATE: 1996-03-18
 NUMBER OF SEQ ID NOS: 7
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 2
 LENGTH: 28
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Variation
 US-09-058-822-2

Query Match 100.0%; Score 139; DB 12; Length 28;
 Best Local Similarity 100.0%; Pred. No. 7.4e-14;
 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 HAEQTFSDVSSYLEGGAAKERTANLY 27
 Db 1 HAEQTFSDVSSYLEGGAAKERTANLY 27

RESULT 14
 US-08-860-103A-1
 Sequence 1, Application US/08860103A

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Query Match      100.0%; Score 139; DB 14; Length 28;
Best Local Similarity 100.0%; Prod. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY          1 HAEETFTSDVSSYLEGQAKEFTAWLY 27
Db          1 HAEETFTSDVSSYLEGQAKEFTAWLY 27
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Search completed: July 3, 2004, 00:46:15
Job time : 174.068 secs

Result No.	Score	Query	Match	Length	DB ID	Description
1	139	100.0	28	6	US-10-716-326-23	Sequence 23, Appl
2	139	100.0	28	6	US-10-611-616-3	Sequence 3, Appl
3	139	100.0	28	6	US-10-715-716-23	Sequence 23, Appl
4	139	100.0	28	7	US-60-549-567-7	Sequence 7, Appl
5	139	100.0	29	6	US-10-716-326-24	Sequence 24, Appl
6	139	100.0	29	6	US-10-715-716-24	Sequence 24, Appl
7	139	100.0	29	7	US-60-549-567-8	Sequence 8, Appl
8	139	100.0	30	1	PCT-US04-05082-2	Sequence 75, Appl
9	139	100.0	30	1	PCT-US04-05421-775	Sequence 14, Appl
10	139	100.0	30	5	US-09-635-679B-4	Sequence 4, Appl
11	139	100.0	30	6	US-10-485-140-1	Sequence 4, Appl
12	139	100.0	30	6	US-10-485-140-4	Sequence 4, Appl
13	139	100.0	30	6	US-10-291-226A-114	Sequence 114, Appl
14	139	100.0	30	6	US-10-169-080-1	Sequence 4, Appl
15	139	100.0	30	6	US-10-488-341-4	Sequence 25, Appl
16	139	100.0	30	6	US-10-716-326-25	Sequence 5, Appl
17	139	100.0	30	6	US-10-811-646-5	Sequence 25, Appl
18	139	100.0	30	6	US-10-715-976-25	Sequence 1, Appl
19	139	100.0	30	6	US-10-741-534-1	Sequence 48, Appl
20	139	100.0	30	7	PCT-US04-04421-776	Sequence 77, Appl
21	139	100.0	31	1	PCT-US04-06462-32	Sequence 32, Appl
22	139	100.0	31	1	PCT-US04-06462-91	Sequence 91, Appl
23	139	100.0	31	1	PCT-US04-06462-91	Sequence 94, Appl
24	139	100.0	31	1	PCT-US04-06462-94	Sequence 1, Appl
25	139	100.0	31	1	PCT-US04-06082-1	
26	139	100.0	31	1	PCT-US04-06082-1	

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CM protein - protein search, using sw model

Run on: July 3, 2004, 00:25:27 ; Search time 12.7453 Seconds
(without alignments)
105.442 Million cell updates/sec

Title: US-09-943-084-7

Perfect score: 139

Sequence: 1 HAHGFTPSDVSSYLEQQAAKEPIAWLV 27

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 327902 seqs, 4973865 residues

Total number of hits satisfying chosen parameters: 327902

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database : Pending Patents_AA_New:

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2: /cgn2_6/_prodatal/2/pia/_US06_NEW_COMB.pep:*

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7: /cgn2_6/_prodatal/2/pia/_US06_NEW_COMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

%

RESULT 1
US-10-716-326-23
; Sequence 23, Application US/10716326

; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; INVENTOR: Wadsworth, Samuel
; ARMENTANO, Donna
; APPLICANT: Armentano, Richard J.
; APPLICANT: Parsons, Geoffrey
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 50621P
; CURRENT APPLICATION NUMBER: US/10/716,326
; PRIORITY APPLICATION NUMBER: US 10/215,272
; CURRENT FILING DATE: 2003-11-17
; PRIORITY FILING DATE: 2002-08-07
; PRIORITY APPLICATION NUMBER: US 60/310,982
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
SEQ ID NO 23
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
US-10-716-326-23

Query Match 1 HAEHTFTSDVSSYLEQQAAKEPIAWLV 27
Best Local Similarity 100.0%; Score 139; DB 6; Length 28;
Matches 27; Conservative 0; Mismatches 0; Indexes 0; Gaps 0;

Qy 1 HAEHTFTSDVSSYLEQQAAKEPIAWLV 27
Db 1 HAEHTFTSDVSSYLEQQAAKEPIAWLV 27

RESULT 2
US-10-811-646-3
; Sequence 3, Application US/10811646

; GENERAL INFORMATION:
; APPLICANT: Eficidic, Sudaf
; INVENTOR: SUDAFICIDIC, SUDAF
; TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF MYOCARDIAL INFARCTION
; FILE REFERENCE: X-10822A
; CURRENT APPLICATION NUMBER: US/10/811,646
; CURRENT FILING DATE: 2004-03-29
; PRIORITY APPLICATION NUMBER: US 60/024,980
; PRIOR FILING DATE: 1996-08-30
; PRIOR APPLICATION NUMBER: US 08/915,918
; PRIOR FILING DATE: 1997-08-21

```

; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 3
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic construct
; FRATURE:
; NAME/KEY: VARIANT
; OTHER INFORMATION: Xaa at position 28 is Lys and Lys-Gly
US-10-811-646-3

Query Match          100.0%;  Score 139;  DB 6;  Length 28;
Best Local Similarity 100.0%;  Pred. No. 4.5e-12;
Matches 27;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy   1 HAEGFTPSDVSSLEGQAKFPIALY 27
Db   1 HAEGFTPSDVSSLEGQAKFPIALY 27

RESULT 3
US-10-715-976-23
; Sequence 23, Application US/10715976
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel L.
; APPLICANT: Armentano, Donna L.
; APPLICANT: Parsons, Geoffrey J.
; APPLICANT: Gregory, Richard J.
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5121
; CURRENT APPLICATION NUMBER: US/10/715,976
; CURRENT FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
SEQ ID NO: 23
LENGTH: 28
TYPE: PRT
FEATURE:
OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
US-10-715-976-23

Query Match          100.0%;  Score 139;  DB 6;  Length 28;
Best Local Similarity 100.0%;  Pred. No. 4.5e-12;
Matches 27;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy   1 HAEGFTPSDVSSLEGQAKFPIALY 27
Db   1 HAEGFTPSDVSSLEGQAKFPIALY 27

RESULT 4
US-60-549-567-7
; Sequence 7, Application US/60549567
; GENERAL INFORMATION:
; APPLICANT: SADEGH, Homayoun
; APPLICANT: TURNER, Andrew J.
; APPLICANT: Ballance, David J.
; TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
; FILE REFERENCE: 54710-5011-PR
; CURRENT APPLICATION NUMBER: US 60/549,567
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: US 60/315,745
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/334,059
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 10/231,494
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 60/406,977

RESULT 5
US-10-716-326-24
; Sequence 24, Application US/10716326
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel L.
; APPLICANT: Armentano, Donna L.
; APPLICANT: Parsons, Geoffrey J.
; APPLICANT: Parsons, Richard J.
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5062CIP
; CURRENT APPLICATION NUMBER: US/10/716,326
; CURRENT FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 10/215,272
; PRIOR FILING DATE: 2002-08-07
; PRIOR APPLICATION NUMBER: US 60/310,982
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
SEQ ID NO: 24
LENGTH: 29
TYPE: PRT
FEATURE:
OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-716-326-24

Query Match          100.0%;  Score 139;  DB 6;  Length 29;
Best Local Similarity 100.0%;  Pred. No. 4.6e-12;
Matches 27;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;
Qy   1 HAEGFTPSDVSSLEGQAKFPIALY 27
Db   1 HAEGFTPSDVSSLEGQAKFPIALY 27

RESULT 6
US-10-715-976-24
; Sequence 24, Application US/10715976
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Wadsworth, Samuel L.
; APPLICANT: Armentano, Donna L.
; APPLICANT: Parsons, Geoffrey J.
; APPLICANT: Parsons, Richard J.
; TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
; FILE REFERENCE: 5121
; CURRENT APPLICATION NUMBER: US/10/715,976
; CURRENT FILING DATE: 2003-11-17
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2

```

SEQ ID NO: 24
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial Sequence
 OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
 US-10-715-976-24

Query Match Score: 100.0%; Pred. No. 4.6e-12; Length: 29;
 Best Local Similarity: 100.0%; Mismatches: 0; Indels: 0; Gaps: 0;
 Matches: 27; Conservative: 0;

Qy 1 HAE GTFS DSVSSYLEGQA KEFIA LWL 27
 Db 1 HAE GTFS DSVSSYLEGQA KEFIA LWL 27

RESULT 7
 US-60-549-567-8

Sequence 8, Application US/60549567
 GENERAL INFORMATION:
 APPLICANT: SADEGH, Homayoun
 APPLICANT: TURNER, Andrew J.
 APPLICANT: Ballance, David J.
 TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
 FILE REFERENCE: 5410-5011-PR
 CURRENT APPLICATION NUMBER: US/60/549.567
 CURRENT FILING DATE: 2004-03-04
 PRIOR APPLICATION NUMBER: US 60/315,745
 PRIOR FILING DATE: 2001-08-30
 PRIOR APPLICATION NUMBER: US 60/334,059
 PRIOR FILING DATE: 2001-11-30
 PRIOR APPLICATION NUMBER: US 10/231,494
 PRIOR FILING DATE: 2002-08-30
 PRIOR APPLICATION NUMBER: US 60/446,977
 PRIOR FILING DATE: 2002-08-30
 PRIOR APPLICATION NUMBER: PCT/US03/26818
 PRIOR FILING DATE: 2003-08-28
 NUMBER OF SEQ ID NOS: 128
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 8
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial sequence
 OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
 US-60-549-567-8

Query Match Score: 100.0%; Pred. No. 4.6e-12; Length: 29;
 Best Local Similarity: 100.0%; Mismatches: 0; Indels: 0; Gaps: 0;
 Matches: 27; Conservative: 0;

Qy 1 HAE GTFS DSVSSYLEGQA KEFIA LWL 27
 Db 1 HAE GTFS DSVSSYLEGQA KEFIA LWL 27

RESULT 8
 PCT-US04-04421-775

Sequence 75, Application PC/TUS0404421
 GENERAL INFORMATION:
 APPLICANT: SOCIETE DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES, S.A.S
 APPLICANT: DONG, ZHENG ZIN
 TITLE OF INVENTION: ANALOGUES OF GLP-1
 FILE REFERENCE: 129-P-PCT2
 CURRENT FILING DATE: 2004-02-17
 NUMBER OF SEQ ID NOS: 781
 PRIOR APPLICATION NUMBER: PCT/US04/04421
 PRIOR FILING DATE: 2003-02-19
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 775

LENGTH: 30
 TYPE: PRT
 ORGANISM: Homo sapiens
 OTHER INFORMATION: Illustrative hGLP-1 (7-36)
 PCT-US04-04421-775

Query Match Score: 100.0%; Pred. No. 4.8e-12; Length: 30;
 Best Local Similarity: 100.0%; Mismatches: 0; Indels: 0; Gaps: 0;
 Matches: 27; Conservative: 0;

Qy 1 HAE GTFS DSVSSYLEGQA KEPIA LWL 27
 Db 1 HAE GTFS DSVSSYLEGQA KEFIA LWL 27

RESULT 9
 PCT-US04-06082-2

Sequence 2, Application PC/TUS0406082
 GENERAL INFORMATION:
 APPLICANT: Eli Lilly and Company
 TITLE OF INVENTION: Polyethylene Glycol Linked GLP-1 Compounds
 FILE REFERENCE: X-16020
 CURRENT APPLICATION NUMBER: PCT/US04/06082
 CURRENT FILING DATE: 2004-03-23
 NUMBER OF SEQ ID NOS: 10
 SOFTWARE: PatentIn version 3.2
 SEQ ID NO: 2
 LENGTH: 30
 TYPE: PRT
 ORGANISM: Homo sapiens
 PCT-US04-06082-2

Query Match Score: 100.0%; Pred. No. 4.8e-12; Length: 30;
 Best Local Similarity: 100.0%; Mismatches: 0; Indels: 0; Gaps: 0;
 Matches: 27; Conservative: 0;

Qy 1 HAE GTFS DSVSSYLEGQA KEPIA LWL 27
 Db 1 HAE GTFS DSVSSYLEGQA KEFIA LWL 27

RESULT 10
 US-09-716-166-14

Sequence 14, Application US/09716166
 GENERAL INFORMATION:
 APPLICANT: Treco, Douglas A.
 APPLICANT: Conciino, Michael F.
 APPLICANT: Dugay, Stephen J.
 TITLE OF INVENTION: NUCLEAR ACID CONSTRUCT FOR OPTIMIZED
 FILE REFERENCE: 10278-014001
 CURRENT APPLICATION NUMBER: US/09/716,166
 CURRENT FILING DATE: 2000-11-17
 PRIOR APPLICATION NUMBER: US 60/166,508
 PRIOR FILING DATE: 1999-11-19
 NUMBER OF SEQ ID NOS: 14
 SOFTWARE: FastSBQ for Windows Version 4.0
 SEQ ID NO: 14
 LENGTH: 30
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATUE: OTHER INFORMATION: synthetically generated polypeptide
 US-09-716-166-14

Query Match Score: 100.0%; Pred. No. 4.8e-12; Length: 30;
 Best Local Similarity: 100.0%; Mismatches: 0; Indels: 0; Gaps: 0;
 Matches: 27; Conservative: 0;

Qy 1 HAE GTFS DSVSSYLEGQA KEFIA LWL 27

Db 1 HAE^GTFTSDVSSYLEGQAAKEFI^AWLV 27

RESULT 11
US-09-635-679E-4
Sequence 4, Application US/09635679E
GENERAL INFORMATION:
APPLICANT: Habener, Joel
TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
FILE REFERENCE: 0609-1090009
CURRENT APPLICATION NUMBER: US/09/635,679E
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 09/090,949
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 08/749,762
PRIOR FILING DATE: 1996-11-20
PRIOR APPLICATION NUMBER: 08/155,800
PRIOR FILING DATE: 1993-11-23
PRIOR APPLICATION NUMBER: 07/755,215
PRIOR FILING DATE: 1991-09-05
PRIOR APPLICATION NUMBER: 07/532,111
PRIOR FILING DATE: 1990-06-01
PRIOR APPLICATION NUMBER: 07/148,517
PRIOR FILING DATE: 1988-01-26
PRIOR APPLICATION NUMBER: 06/859,928
PRIOR FILING DATE: 1986-05-05
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.1
SEQ ID NO: 4
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:

; OTHER INFORMATION: insulinotropic peptide
US-09-635-679E-4
Query Match 1 HAE^GTFTSDVSSYLEGQAAKEFI^AWLV 27
Score 100.0%; DB 5; Length 30;
Best Local Similarity 100.0%; Pred. No. 4. Be-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 HAE^GTFTSDVSSYLEGQAAKEFI^AWLV 27

RESULT 12
US-10-485-140-1
Sequence 1, Application US/10485140
GENERAL INFORMATION:
APPLICANT: The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
FILE REFERENCE: 14014-0396PL
CURRENT APPLICATION NUMBER: US/10/485,140
CURRENT FILING DATE: 2004-01-27
PRIOR APPLICATION NUMBER: 60/309,076
PRIOR FILING DATE: 2001-07-31
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 1
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:/Note =
US-10-485-140-1
Query Match 1 HAE^GTFTSDVSSYLEGQAAKEFI^AWLV 27
Score 100.0%; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4. 8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 13
US-10-485-140-4
Sequence 4, Application US/10485140
GENERAL INFORMATION:
APPLICANT: The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
APPLICANT: Greig, Nigel H.
APPLICANT: Egan, Josephine
APPLICANT: Doyle, Maire
APPLICANT: Hollaway, Harold
TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
FILE REFERENCE: 14014-0396PL
CURRENT APPLICATION NUMBER: US/10/485,140
CURRENT FILING DATE: 2004-01-27
PRIOR APPLICATION NUMBER: 60/309,076
PRIOR FILING DATE: 2001-07-31
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 4
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
US-10-485-140-4
Query Match 1 HAE^GTFTSDVSSYLEGQAAKEFI^AWLV 27
Score 100.0%; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4. 8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 HAE^GTFTSDVSSYLEGQAAKEFI^AWLV 27
RESULT 14
US-10-291-226A-114
Sequence 114, Application US/10291226A
GENERAL INFORMATION:
APPLICANT: Larsen, Bjarne Due
APPLICANT: Mikkelsen, Jens Mollgaard
APPLICANT: Neve, Soren
TITLE OF INVENTION: NOVEL BPB7DE AGONISTS OF GLP-1 ACTIVITY
FILE REFERENCE: 55511 (45487)
CURRENT APPLICATION NUMBER: US/10/291,226A
CURRENT FILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: US 60/143,591
PRIOR FILING DATE: 1999-07-13
NUMBER OF SEQ ID NOS: 153
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 114
LENGTH: 30
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: GLP-1 (7-36)
US-10-291-226A-114
Query Match 1 HAE^GTFTSDVSSYLEGQAAKEFI^AWLV 27
Score 100.0%; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4. 8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 HAE^GTFTSDVSSYLEGQAAKEFI^AWLV 27
Query Match 1 HAE^GTFTSDVSSYLEGQAAKEFI^AWLV 27
Score 100.0%; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4. 8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 HAE^GTFTSDVSSYLEGQAAKEFI^AWLV 27

RESULT 15
US-10-769-080-1
Sequence 1, Application US/10769080
GENERAL INFORMATION:
APPLICANT: Galloway, John A
TITLE OF INVENTION: Glucagon-like Insulinotropic Peptides, Compositions and Methods
FILE REFERENCE: X-9332G
CURRENT APPLICATION NUMBER: US/10/769,080
CURRENT FILING DATE: 2004-04-30
PRIOR APPLICATION NUMBER: 09/573,809
PRIOR FILING DATE: 2000-05-18
NUMBER OF SEQ ID NOS: 1
SOFTWARE: Patentin version 3.1
SEQ ID NO: 1
LENGTH: 30
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: MOD RES
LOCATION: (30) . . (30)
OTHER INFORMATION: The arginine residue at position 30 is modified so as to replace
the terminal carboxyl group with an amine.
US-10-769-080-1

Query Match 100.0%; Score 139; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1 HAGTGFSDVSSYLEGQAKEPTANLY 27
Db	1 HAGTGFSDVSSYLEGQAKEPTANLY 27

Search completed: July 3, 2004, 00:47:43
Job time : 12.7433 secs